

2024 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	1,000	-	-	1,500
Traffic Calming and Safety Improvements	500	1,000	-	-	1,500
Total	1,500	2,000	-	-	3,500

2024 - 2029 Capital Improvement Program Traffic Engineering Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Roads - Traffic Improvements						
Anchorage Signal System, Signage, and Safety Improvements	2024	500	-	-	-	500
	2025	500	-	-	-	500
	2026	500	-	-	-	500
	2027	500	-	-	-	500
	2028	500	-	-	-	500
	2029	500	-	-	-	500
			3,000	-	-	-
School Zone Safety	2024	500	1,000	-	-	1,500
	2025	1,000	1,000	-	-	2,000
	2026	1,000	1,000	-	-	2,000
	2027	1,000	1,000	-	-	2,000
	2028	1,000	1,000	-	-	2,000
	2029	1,000	1,000	-	-	2,000
			5,500	6,000	-	-
Traffic Calming and Safety Improvements	2024	500	1,000	-	-	1,500
	2025	1,000	1,000	-	-	2,000
	2026	1,000	1,000	-	-	2,000
	2027	1,000	1,000	-	-	2,000
	2028	1,000	1,000	-	-	2,000
	2029	1,000	1,000	-	-	2,000
			5,500	6,000	-	-
Total		14,000	12,000	-	-	26,000

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	ARDSA Councils		

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. The operations and maintenance (O&M) will be used to maintain the improved infrastructure.



Version 2024 Proposed

		2024	2025	2026	2027	2028	2029	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								
Contractual Svcs Other		5	5	5	5	5	5	30
Total (in thousands)		5	5	5	5	5	5	30

School Zone Safety

Project ID	PME10953	Department	Traffic Engineering
Project Type	Upgrade	Start Date	June 2021
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 2040
Community Council	ARDSA Councils		

Description

This project is a high priority for State of Alaska funding.

The 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 that are under consideration for improvements with the 2024 bond funding are College Gate, Williwaw, Tudor, and Creekside 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. The effort to improve safety around the Anchorage area schools is envisioned as a joint funding effort of local road bonds and state grants.



Version 2024 Proposed

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	500	1,000	1,000	1,000	1,000	1,000	5,500
SOA Grant Revenue-Direct	401900 - Areawide General CIP Grant	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Total (in thousands)		1,500	2,000	2,000	2,000	2,000	2,000	11,500

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 ARDSA Councils

Description

The 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.

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 overall traffic calming program is envisioned as a joint funding effort utilizing local road bonds and state grants. The operations and maintenance (O&M) will be used to maintain the improved infrastructure.



Version 2024 Proposed

		2024	2025	2026	2027	2028	2029	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	500	1,000	1,000	1,000	1,000	1,000	5,500
SOA Grant Revenue-Direct	441900 - ARDSA CIP Grant	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Total (in thousands)		1,500	2,000	2,000	2,000	2,000	2,000	11,500
O & M Costs								
Contractual Svcs Other		60	60	60	60	60	60	360
Total (in thousands)		60	60	60	60	60	60	360