

## 2021 Capital Improvement Budget Traffic Engineering Department

(in thousands)

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

## 2021 - 2026 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	2021	500	-	-	-	500
	2022	500	-	-	-	500
	2023	500	-	-	-	500
	2024	500	-	-	-	500
	2025	500	-	-	-	500
	2026	500	-	-	-	500
		3,000	-	-	-	3,000
School Zone Safety	2021	500	-	-	-	500
	2022	500	-	-	-	500
	2023	500	-	-	-	500
	2024	500	-	-	-	500
	2025	500	-	-	-	500
	2026	500	-	-	-	500
		3,000	-	-	-	3,000
Traffic Calming and Safety Improvements	2021	1,000	-	-	-	1,000
	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
		6,000	-	-	-	6,000
<b>Total</b>		<b>12,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,000</b>

**Anchorage Signal System, Signage, and Safety Improvements**

<b>Project ID</b>	TRA55103	<b>Department</b>	Traffic Engineering
<b>Project Type</b>	Improvement	<b>Start Date</b>	May 2020
<b>District</b>	Assembly: Areawide, HD-SD: Community-wide	<b>End Date</b>	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** 2021 Approved

		2021	2022	2023	2024	2025	2026	Total
<b>Revenue Sources</b>	<b>Fund</b>							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	500	500	500	500	500	500	3,000
<b>Total (in thousands)</b>		<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>3,000</b>
<b>O &amp; M Costs</b>								
Cntrtual Svcs Othr		5	5	5	5	5	5	30
<b>Total (in thousands)</b>		<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>30</b>

**School Zone Safety**

<b>Project ID</b>	PME10953	<b>Department</b>	Traffic Engineering
<b>Project Type</b>	Improvement	<b>Start Date</b>	June 2021
<b>District</b>	Assembly: Areawide, HD 50: Anchorage Areawide	<b>End Date</b>	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.

**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** 2021 Approved

		2021	2022	2023	2024	2025	2026	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	500	500	500	500	500	500	3,000
<b>Total (in thousands)</b>		<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>3,000</b>

**Traffic Calming and Safety Improvements**

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

**Community Council****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 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 following community councils ranked this project on their 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** 2021 Approved

		2021	2022	2023	2024	2025	2026	Total
<b>Revenue Sources</b>	<b>Fund</b>							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	1,000	1,000	1,000	1,000	1,000	1,000	6,000
<b>Total (in thousands)</b>		<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>6,000</b>
<b>O &amp; M Costs</b>								
Cntrtual Svcs Othr		60	60	60	60	60	60	360
<b>Total (in thousands)</b>		<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>360</b>