

## 2017 Capital Improvement Budget Traffic 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	250	-	-	-	250
School Zone Safety	250	-	-	-	250
Traffic Calming and Safety Improvements	500	-	-	-	500
<b>Total</b>	<b>1,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,000</b>

## 2017 - 2022 Capital Improvement Program Traffic Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
PME - Traffic Improvements						
Anchorage Signal System, Signage, and Safety Improvements	2017	250	-	-	-	250
	2018	650	-	-	-	650
	2019	650	-	-	-	650
	2020	650	-	-	-	650
	2021	650	-	-	-	650
	2022	650	-	-	-	650
		3,500	-	-	-	3,500
Intersection Safety and Congestion Relief Annual Program	2018	500	-	-	-	500
	2019	500	-	-	-	500
	2020	500	-	-	-	500
	2021	500	-	-	-	500
	2022	500	-	-	-	500
		2,500	-	-	-	2,500
School Zone Safety	2017	250	-	-	-	250
	2018	500	-	-	-	500
	2019	500	-	-	-	500
	2020	500	-	-	-	500
	2021	500	-	-	-	500
	2022	500	-	-	-	500
		2,750	-	-	-	2,750
Traffic Calming and Safety Improvements	2017	500	-	-	-	500
	2018	500	-	-	-	500
	2019	500	-	-	-	500
	2020	500	-	-	-	500
	2021	500	-	-	-	500
	2022	500	-	-	-	500
		3,000	-	-	-	3,000
<b>Total</b>		<b>11,750</b>	-	-	-	<b>11,750</b>

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

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

**Description**

This program reconstructs and upgrades the Anchorage traffic system within the Anchorage Roads and 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.

---

**Version** 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
<b>Revenue Sources</b>	<b>Fund</b>							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	250	650	650	650	650	650	3,500
<b>Total (in thousands)</b>		<b>250</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>3,500</b>

---

**Intersection Safety and Congestion Relief Annual Program**

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

**Description**

This program funds intersection and traffic safety projects throughout Anchorage. Project priorities will be established by the Traffic Engineering and Project Management and 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.

**Version** 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
<b>Revenue Sources</b>	<b>Fund</b>							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	-	500	500	500	500	500	2,500
<b>Total (in thousands)</b>		<b>-</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>2,500</b>

**School Zone Safety**

<b>Project ID</b>	PME10953	<b>Department</b>	Traffic
<b>Project Type</b>	Improvement	<b>Start Date</b>	June 2011
<b>Location</b>	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	<b>End Date</b>	October 2022

**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 is in the process of monitoring and identifying 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** 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
<b>Revenue Sources</b>	<b>Fund</b>							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	250	500	500	500	500	500	2,750
<b>Total (in thousands)</b>		<b>250</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>2,750</b>

---

**Traffic Calming and Safety Improvements**

<b>Project ID</b>	TRA55113	<b>Department</b>	Traffic
<b>Project Type</b>	Improvement	<b>Start Date</b>	May 2015
<b>Location</b>	Assembly: Areawide, HD-SD: Community-wide, Community: ARDSA Councils	<b>End Date</b>	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.

---

**Version** 2017 Proposed

		2017	2018	2019	2020	2021	2022	Total
Revenue Sources	Fund							
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>

---