

2016 Capital Improvement Budget Traffic Department

(in thousands)

Projects	Bonds	State	Federal	Other	Total
Anchorage Signal System, Signage, and Safety Improvements	650	-	-	-	650
Intersection Safety and Congestion Relief Matching Program	500	500	-	-	1,000
Mountain View Dr and McCarrey St Intersection Safety	-	2,000	-	-	2,000
Traffic Calming and Safety Improvements	500	2,000	-	-	2,500
Total	1,650	4,500	-	-	6,150

2016 - 2021 Capital Improvement Program Traffic Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
PME - Traffic Improvements						
Anchorage Signal System, Signage, and Safety Improvements	2016	650	-	-	-	650
	2017	650	-	-	-	650
	2018	650	-	-	-	650
	2019	650	-	-	-	650
	2020	650	-	-	-	650
	2021	650	-	-	-	650
		3,900	-	-	-	3,900
Intersection Safety and Congestion Relief Matching Program	2016	500	500	-	-	1,000
	2017	500	500	-	-	1,000
	2018	500	500	-	-	1,000
	2019	1,000	1,000	-	-	2,000
	2020	1,000	1,000	-	-	2,000
	2021	1,000	1,000	-	-	2,000
		4,500	4,500	-	-	9,000
Mountain View Dr and McCarrey St Intersection Safety	2016	-	2,000	-	-	2,000
School Zone Safety	2017	500	-	-	-	500
	2018	500	-	-	-	500
	2019	500	-	-	-	500
		1,500	-	-	-	1,500
Traffic Calming and Safety Improvements	2016	500	2,000	-	-	2,500
	2017	500	500	-	-	1,000
	2018	500	500	-	-	1,000
	2019	500	500	-	-	1,000
	2020	500	500	-	-	1,000
	2021	500	500	-	-	1,000
		3,000	4,500	-	-	7,500
Total		12,900	11,000	-	-	23,900

Anchorage Signal System, Signage, and Safety Improvements

Project ID	TRA55103	Department	Traffic
Project Type	Improvement	Start Date	May 1999
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 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 Engineering Department through its annual review of traffic and crash data. Improvements may include replacing and/or upgrading signals, turning lanes and lights, signs, site assessment devices, traffic detection loops, and any other equipment needed to upgrade the system.

Comments

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 Engineering Division through its annual review of traffic and crash data. Improvements may include replacing and/or upgrading signals, turning lanes and lights, signs, site assessment devices, traffic detection loops, and any other equipment needed to upgrade the system. Design and construction funding is proposed annually through road bonds. Because of age, many traffic signal 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.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	650	650	650	650	650	650	3,900
Total (in thousands)		650	650	650	650	650	650	3,900

Intersection Safety and Congestion Relief Matching Program

Project ID	TRA55107	Department	Traffic
Project Type	Improvement	Start Date	May 2005
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	December 9999

Description

This program funds intersection and traffic safety projects throughout Anchorage through a funding partnership with the State. 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 grant funding may be used for planning, design, drainage improvements, utility work, obtaining rights of way and easements, and any work associated with upgrading roadways and intersections and their amenities.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	500	500	500	1,000	1,000	1,000	4,500
SOA Grant Revenue-Direct	441900 - ARDSA CIP Grant	500	500	500	1,000	1,000	1,000	4,500
Total (in thousands)		1,000	1,000	1,000	2,000	2,000	2,000	9,000

Mountain View Dr and McCarrey St Intersection Safety

Project ID	PME09493	Department	Traffic
Project Type	Improvement	Start Date	April 2010
Location	Assembly: Section 1, Seat B, Assembly: Section 2, Seats A & C, 19-J: Mountainview, Community: Mountain View, 15-H: Elmendorf	End Date	October 2019

Description

This project will design and construct safety improvements at this intersection. Improvements are expected to include pedestrian crossings, a roundabout, and adjoining pedestrian facilities.

Comments

Design was funded with a combination of state grant and local road bonds. Construction is anticipated in 2017 if funding is available. The Traffic Department had identified this intersection as a priority location for safety improvements. Improvements will provide safety and enhance circulation to both vehicles and pedestrians. Almost 10,000 vehicles a day travel Mountain View Drive, which makes it difficult for the 4,000 vehicles on McCarrey street to turn at this intersection. In addition, this is a high pedestrian volume intersection that connects a large residential area with a park and commercial district. This project is a high priority for the Mountain View Community Council.

The grant funding may be used for design, utility work, obtaining rights of way and easements, construction, and any work associated with the improvements described above or associated amenities.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
SOA Grant Revenue-Direct	441900 - ARDSA CIP Grant	2,000	-	-	-	-	-	2,000
Total (in thousands)		2,000	-	-	-	-	-	2,000

School Zone Safety

Project ID	PME10953	Department	Traffic
Project Type	Improvement	Start Date	June 2011
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	October 2020

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 Section of Public Works is in the process of identifying optimal locations for improvements.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	-	500	500	500	-	-	1,500
Total (in thousands)		-	500	500	500	-	-	1,500

Traffic Calming and Safety Improvements

Project ID	TRA55113	Department	Traffic
Project Type	Improvement	Start Date	May 2002
Location	Assembly: Areawide, HD-SD: Community-wide, Community: Airport Heights, Community: ARDSA Councils, Community: Russian Jack Park, Community: Rogers Park	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. Funding is proposed as a 50/50 local bond and state grant partnership. 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.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	441100 - ARDSA CIP Bond	500	500	500	500	500	500	3,000
SOA Grant Revenue-Direct	441900 - ARDSA CIP Grant	2,000	500	500	500	500	500	4,500
Total (in thousands)		2,500	1,000	1,000	1,000	1,000	1,000	7,500

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