FY2023-2029 Capital Investment Program

D-64: Storm Water System Conveyance Infrastructure Rehabilitation

Category: High Quality Built & Natural Environment Status: Ongoing

Department: Utilities Location: Citywide

Programmed Expenditures									
Programmed	Appropriated	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	
Expenditures	To Date	<u>Budget</u>							
44,197,231	24,405,231	3,822,000	1,840,000	2,772,000	2,843,000	2,909,000	2,660,000	2,946,000	

Description and Scope

This ongoing program repairs defective storm drainage pipelines, culverts and ditches identified in the Utility's condition assessment program or other means. Projects are prioritized based on the severity of deterioration, the risk and consequence of failure, and coordination with planned street improvement projects. As the system ages, costs are expected to increase. The Utilities' Asset Management Program is evaluating when system replacement will require significant increases to the budget.

Rationale

Storm infrastructure rehabilitation and replacement is based on asset criticality and business risk, per industry best practices. In the short term, this program reduces the likelihood of catastrophic system failures; traffic disruption due to failed culverts under streets; damage claims to the city; and utility rate spikes to respond to system failures rather than proactively managing the system. In the long term, timely replacement or repair of stormwater facilities keeps customer rates as low as practical by managing the system at the lowest life-cycle cost, while maintaining service levels and meeting regulatory requirements.

Environmental Impacts

Operating Budget Impacts

This program will have no significant impact on operating revenues and/or expenditures.

Project Map Schedule of Actvities



Project Activities	From - To	Amount
Project Costs	Ongoing	44,197,231

Total Budgetary Cost Estimate: 44,197,231

Means of Financing					
Funding Source	Amount				
Beginning Fund Balance	1,068,843				
Transfers from Other City Funds	43,128,388				
Total Programmed Funding:	44,197,231				
Future Funding Requirements:	2				

FY2023-2029

Comments