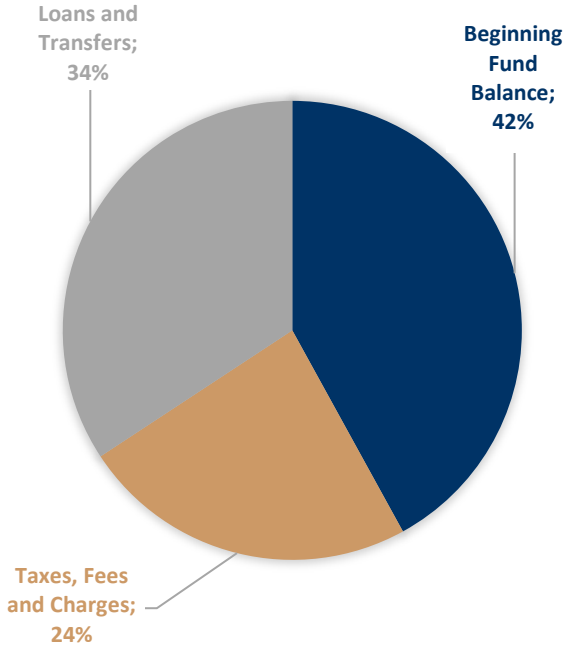


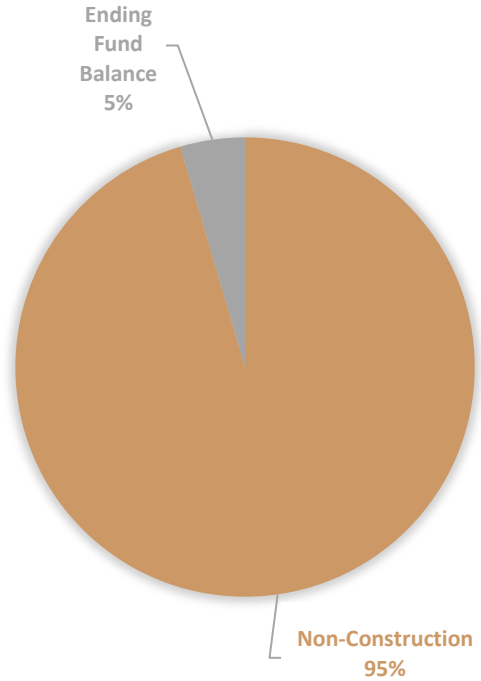
# COMMUNICATIONS

## 2025-2029 Capital Improvement Program

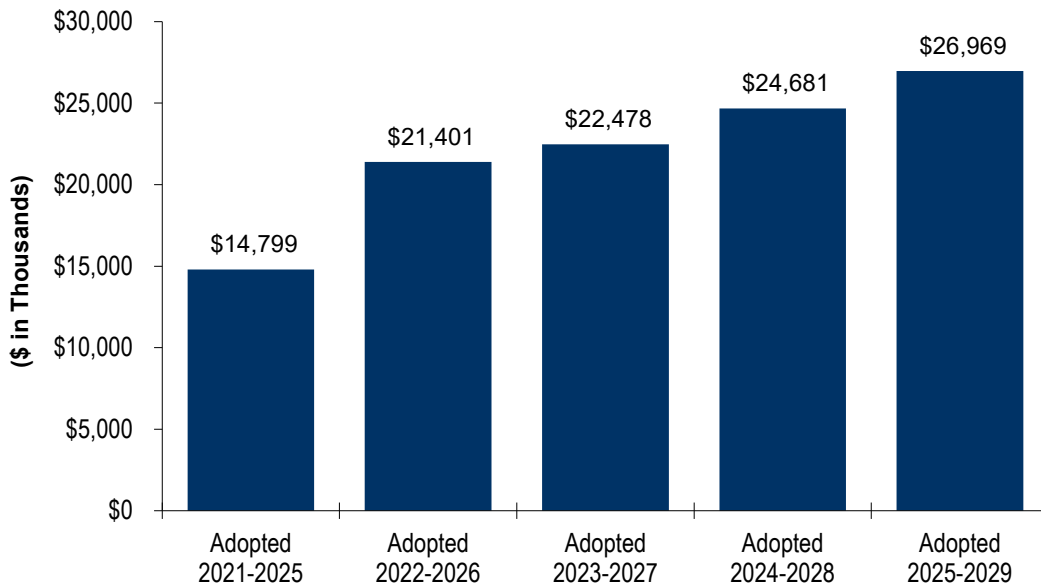
**2024-2025 ADOPTED  
SOURCE OF FUNDS**



**2024-2025 ADOPTED  
USE OF FUNDS**



**CIP History**



# Communications

## 2025-2029 Adopted Capital Improvement Program

### OVERVIEW

#### INTRODUCTION

In October 1990, the City assumed the responsibility of providing its own emergency communications service for Police and Fire from the County of Santa Clara. The Communications Capital Improvement Program was set up to address the replacement and upgrade of both the public safety and non-public safety radio equipment. In addition, this program funds capital improvements related to communications facilities including land and interests in land, buildings, structures, radio and other equipment, and streets and sidewalks adjacent to City communication facilities.

Communications Infrastructure	
Fixed Equipment Sites	27
Base Stations	90
Additional Fixed Receivers	154
Total Legacy Subscribers	1,617
Total SVRCS Subscribers	3,619

facilities including land and interests in land, buildings, structures, radio and other equipment, and streets and sidewalks adjacent to City communication facilities.

The 2025-2029 Adopted Capital Improvement Program (CIP) provides funding of \$27.0 million of which \$6.6 million is allocated in 2024-2025. This program is part of the Strategic Support City Service Area (CSA) and supports the following outcomes from that CSA: *Safe and Functional Public Infrastructure, Facilities, and Equipment*; and *Effective Use of State-of-the-Art Technology*.

#### PROGRAM PRIORITIES AND OBJECTIVES

The Communications CIP's guiding objective is the provision of reliable, necessary public and non-public safety-related communications equipment for all City employees to perform their job duties. Based on the CSA outcomes supported by this program, the following list of priorities has been developed:

- Proactively replace public safety-related communications equipment and systems to ensure reliability and optimal performance and compliance with rules of the Federal Communications Commission;
- Maintain existing radio equipment in a proactive manner to ensure optimal functionality and to extend the length of service;
- Strategically plan for future, major upgrades and technology changes; and
- Continue to support the Silicon Valley Regional Interoperability Authority (SVRIA).

#### SOURCES OF FUNDING

The 2024-2025 Adopted Capital Budget estimate for Construction and Conveyance (C&C) taxes is \$40.0 million, of which 3.4% is allocated to the Communications Capital Program. Approximately 99% of the C&C tax is derived from a transfer tax imposed upon each transfer of real property, with the remaining 1% generated from a construction tax levied on most types of construction. After a record-setting collections of \$64.5 million in 2021-2022, the local real estate market began declining, which negatively impacted C&C tax collections. In 2023-2024, collections are anticipated to be \$35.0 million, which is below 2022-2023 receipts of \$37.9 million.

# Communications

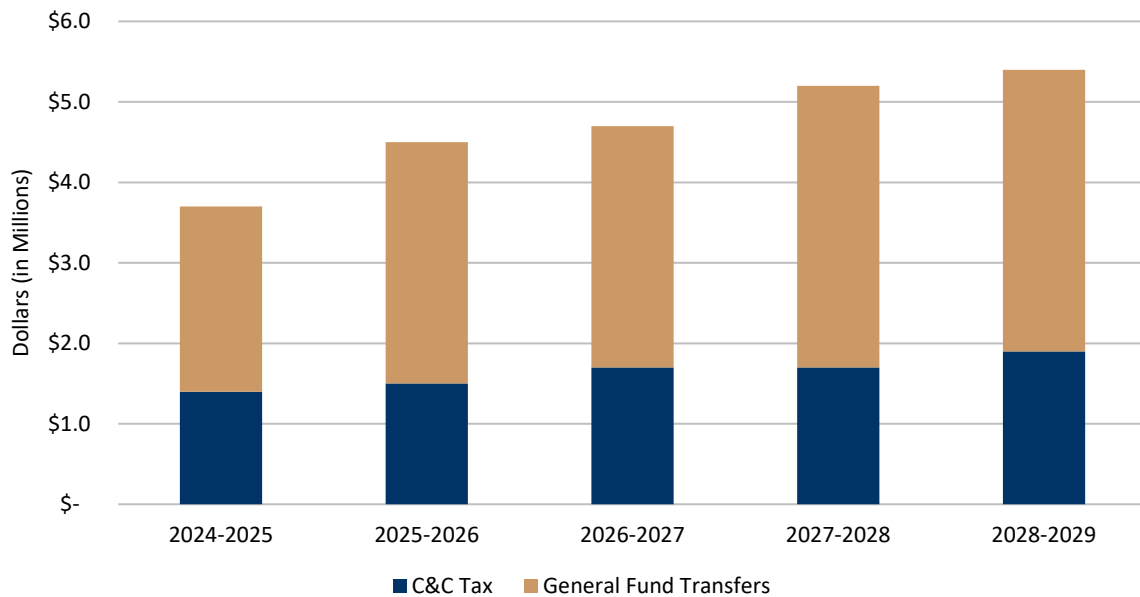
## 2025-2029 Adopted Capital Improvement Program

### OVERVIEW

#### SOURCES OF FUNDING

However, as the residential real estate market has begun to show signs of growth, the CIP anticipates collections growing to \$40.0 million in 2024-2025, then gradually increasing for the remainder of the CIP, with receipts in 2028-2029 totaling \$55.0 million. As a result, the Communications CIP contains C&C tax revenue estimates ranging from \$1.4 million to \$1.9 million annually over the course of the CIP. Over the five years of the CIP, collections allocated to the Communications Capital Program will total \$8.2 million.

#### Summary of Revenues



Since the C&C tax collections are insufficient to address the program needs, transfers of \$15.3 million from the General Fund are programmed over the five-year CIP for Communications projects. The General Fund transfers primarily fund contributions to the SVRIA annual maintenance contract; a position in the Police Department for administration of the maintenance contract; oversight and participation in SVRIA; and the purchase of replacement radios and other equipment that operate on the Silicon Valley Regional Communications System (SVRCS). To the extent that C&C tax revenues are received above or below projected levels, the transfer from the General Fund to this program may be recommended to be reduced or increased accordingly.

#### PROGRAM HIGHLIGHTS

The Communications Capital Program's expenditures are organized to show the use of funds in several categories. The following highlights the major project in the program.

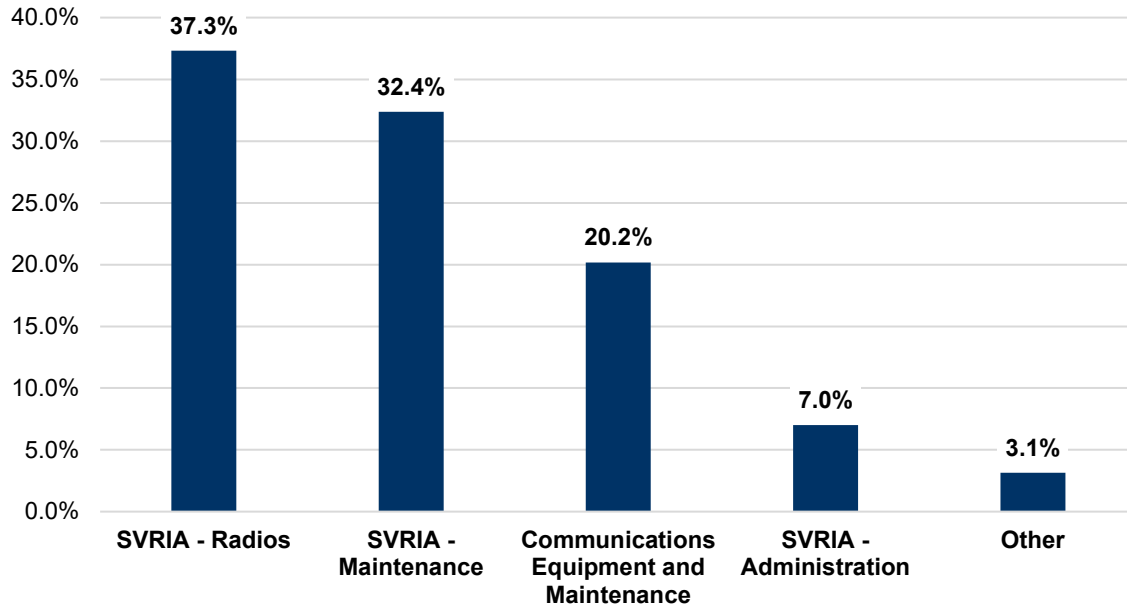
# Communications

## 2025-2029 Adopted Capital Improvement Program

### OVERVIEW

#### PROGRAM HIGHLIGHTS

#### 2025-2029 Communications Capital Program Expenditures \$25.9 million (excludes Ending Fund Balance)



#### Silicon Valley Regional Communications System

The SVRIA is a joint powers authority consisting of 19 member agencies, including the City of San José, whose mission is to identify, coordinate, and implement communication interoperability solutions to its member agencies by integrating voice and data communications between law enforcement, fire and rescue services, emergency medical services, and emergency management for routine operations, critical incidents, and disaster response and recovery. The SVRCS, a multistage project coordinated by SVRIA, has replaced the existing public safety radio systems currently in use in Santa Clara County with a system that uses the 700/800MHz spectrum. This allows for enhanced data transmissions, additional capacity for mutual aid scenarios and the ability to record transmissions for training purposes.

The City entered a Memorandum of Understanding (MOU) with SVRIA, as approved by the City Council on June 16, 2015, for the City's proportionate share of the infrastructure buildout for the SVRCS project. The SVRCS was completed in the summer of 2020. The Radio Division within the Public Works Department replaced all the public safety radios with SVRCS-capable radios, along with radios within other City departments that are required to communicate with public safety agencies. Police went live on the SVRCS system in mid-March 2020 and Fire went live on July 1, 2020. The City currently has 3,619 radios on the SVRCS radio system, 3,291 of which belong to Police and Fire.

# Communications

## 2025-2029 Adopted Capital Improvement Program

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### OVERVIEW

#### PROGRAM HIGHLIGHTS

##### Silicon Valley Regional Communications System (Cont'd.)

In 2019-2020, Motorola announced that the SVRCS radios will have a life span shorter than the previously reported 20 years. Currently, with enhanced and evolving technology, the SVRCS radios will have a recommended life span of seven to eight years, after which replacement parts and technical support will no longer be available from Motorola for obsolete model types, thus resulting in a continuous radio replacement cycle. In addition, in 2020-2021, Motorola announced that the APX 7000 (portable) and APX 7500 (mobile) radio models will not be serviced by the Motorola Repair Depot after their end-of-service dates.

The City has taken multiple steps to begin the full replacement of the radio fleet, including entering into a 10-year contract with Motorola in 2021-2022 to provide approximately 95 radios per year at a discounted rate, and allocating a total of \$7.3 million of one-time General Fund resources in 2021-2022 and 2022-2023 for radio replacement to supplement existing C&C revenues and ongoing General Fund contributions. Since 2021-2022, a total of 1,372 radios have been replaced. The CIP allocates \$1.7 million annually to help replace SVRCS radios that will reach their end-of-service lives.

In addition, the existing Legacy Radio System is now at the end of its useful life and has experienced interruptions to service. A consultant hired by the Public Works Department reviewed the existing system and developed recommendations for system upgrades. The Legacy Radio System replacement work is estimated at approximately \$7.5 million, and the associated new radio portable handpacks and mobile units that must be upgraded to be compatible with the new system is required at an additional cost of an estimated \$2.0 million. Staff will evaluate funding strategies to address the Legacy Radio System needs and bring forward recommendations as part of a future CIP.

# Communications

## 2025-2029 Adopted Capital Improvement Program

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### OVERVIEW

#### MAJOR CHANGES FROM THE 2024-2028 ADOPTED CIP

The overall size of the Communications Capital Improvement program increased by \$2.3 million, from \$24.7 million in the 2024-2028 Adopted CIP to \$27.0 million in the 2025-2029 Adopted CIP, primarily due to maintenance and administrative cost increases, and the carry-forward of unexpended funds from the prior CIP that are allocated in 2024-2025. The following table outlines the most significant changes to project budgets, including new/augmented allocations and reduced/eliminated allocations.

Project	Increase/(Decrease)
Silicon Valley Regional Interoperability Authority – Maintenance	\$342,000
Communications Maintenance	\$118,000
Communication Equipment Replacement and Upgrade	\$117,000

#### OPERATING BUDGET IMPACT

It is anticipated that there will be no additional operating and maintenance costs associated with projects included in the 2025-2029 Adopted CIP. However, as discussed above, a near-term funding strategy for the replacement of the legacy radio system will be necessary to ensure that daily operations are not impacted.

#### COUNCIL-APPROVED REVISIONS TO THE PROPOSED CAPITAL IMPROVEMENT PROGRAM

Changes to the Proposed Capital Improvement Program were brought forward in the Mayor's June Budget Message for Fiscal Year 2024-2025 and adopted by the City Council on June 18, 2024. This included rebudgeting of unexpended funding for projects and other budget adjustments totaling \$1.6 million in [Manager's Budget Addendum #29](#), the largest of which includes the rebudget of funds for the Silicon Valley Regional Communications System – Radios (\$1.2 million) and Communications Equipment Replacement and Upgrade (\$400,000) projects.

For more information, please refer to the [Mayor's June Budget Message for Fiscal Year 2024-2025](#), located in the Appendices of this document, and [Manager's Budget Addendum #33](#) which incorporates adjustments per the Mayor's June Budget Message.

# Communications

## 2025-2029 Adopted Capital Improvement Program

### Source of Funds (Combined)

	Estimated						
	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	5-Year Total
<b>Communications Construction and Conveyance Tax Fund (397)</b>							
<b>Beginning Balance</b>	2,042,535	2,758,535	298,535	253,535	265,535	660,535	2,758,535
<b>Transfers and Reimbursements</b>							
Communications Projects - General Fund	2,750,000	2,250,000	3,000,000	3,000,000	3,500,000	3,500,000	15,250,000
<b>TOTAL Transfers and Reimbursements</b>	<b>2,750,000</b>	<b>2,250,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,500,000</b>	<b>3,500,000</b>	<b>15,250,000</b>
<b>Revenue from the Use of Money/Property</b>							
Interest Income	200,000	200,000	150,000	150,000	150,000	150,000	800,000
<b>TOTAL Revenue from the Use of Money/Property</b>	<b>200,000</b>	<b>200,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>800,000</b>
<b>Other Revenue</b>							
Other Revenue	79,000						
<b>TOTAL Other Revenue</b>	<b>79,000</b>						
<b>Construction &amp; Conveyance Tax</b>							
C&C Tax Proceeds	1,190,000	1,360,000	1,530,000	1,700,000	1,700,000	1,870,000	8,160,000
<b>TOTAL Construction &amp; Conveyance Tax</b>	<b>1,190,000</b>	<b>1,360,000</b>	<b>1,530,000</b>	<b>1,700,000</b>	<b>1,700,000</b>	<b>1,870,000</b>	<b>8,160,000</b>
<b>Total Communications Construction and Conveyance Tax Fund (397)</b>	<b>6,261,535</b>	<b>6,568,535</b>	<b>4,978,535</b>	<b>5,103,535</b>	<b>5,615,535</b>	<b>6,180,535</b>	<b>26,968,535</b>
<b>TOTAL SOURCES</b>	<b>6,261,535</b>	<b>6,568,535</b>	<b>4,978,535</b>	<b>5,103,535</b>	<b>5,615,535</b>	<b>6,180,535</b>	<b>26,968,535</b>

\* The 2025-2026 through 2028-2029 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

# Communications

## 2025-2029 Adopted Capital Improvement Program Use of Funds (Combined)

	Estimated 2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	5-Year Total
<b><u>Communications</u></b>							
Communications Equipment Replacement and Upgrade	62,000	500,000	100,000	100,000	100,000	100,000	900,000
Communications Maintenance	794,000	816,000	839,000	863,000	887,000	912,000	4,317,000
Silicon Valley Regional Communications System - Radios	625,000	2,857,000	1,700,000	1,700,000	1,700,000	1,700,000	9,657,000
Silicon Valley Regional Interoperability Authority - Administration	329,000	339,000	349,000	360,000	371,000	393,000	1,812,000
Silicon Valley Regional Interoperability Authority - Maintenance	1,489,000	1,555,000	1,584,000	1,662,000	1,744,000	1,831,000	8,376,000
<b>General Non-Construction - Communications</b>	<b>3,299,000</b>	<b>6,067,000</b>	<b>4,572,000</b>	<b>4,685,000</b>	<b>4,802,000</b>	<b>4,936,000</b>	<b>25,062,000</b>
<b>Communications - Non-Construction</b>	<b>3,299,000</b>	<b>6,067,000</b>	<b>4,572,000</b>	<b>4,685,000</b>	<b>4,802,000</b>	<b>4,936,000</b>	<b>25,062,000</b>
Capital Program and Public Works Department Support Service Costs	1,000						
<b>Allocations</b>	<b>1,000</b>						
City Hall Debt Service Fund	3,000	3,000	3,000	3,000	3,000	3,000	15,000
<b>Transfers to Special Funds</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>15,000</b>
General Fund - Interest Income	200,000	200,000	150,000	150,000	150,000	150,000	800,000
<b>Transfers to the General Fund</b>	<b>200,000</b>	<b>200,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>	<b>800,000</b>
<b>Transfers Expense</b>	<b>203,000</b>	<b>203,000</b>	<b>153,000</b>	<b>153,000</b>	<b>153,000</b>	<b>153,000</b>	<b>815,000</b>
<b>Total Expenditures</b>	<b>3,503,000</b>	<b>6,270,000</b>	<b>4,725,000</b>	<b>4,838,000</b>	<b>4,955,000</b>	<b>5,089,000</b>	<b>25,877,000</b>
Ending Fund Balance	2,758,535	298,535	253,535	265,535	660,535	1,091,535	1,091,535
<b>TOTAL</b>	<b>6,261,535</b>	<b>6,568,535</b>	<b>4,978,535</b>	<b>5,103,535</b>	<b>5,615,535</b>	<b>6,180,535</b>	<b>26,968,535</b>

\* The 2024-2025 through 2027-2028 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of the same funds.



**Communications**  
**2025-2029 Adopted Capital Improvement Program**  
**Detail of Ongoing Projects**

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Communications Equipment Replacement and Upgrade

<b>CSA Outcome</b>	Effective Use of State-of-the-Art Technology	<b>Council Districts</b>	City-wide
<b>Department Owner</b>	Public Works	<b>Appropriation</b>	A4056
<b>Description</b>	This allocation funds the replacement and upgrade of communications equipment based upon useful life expectancy.		

	<b>FY24</b>						<b>5 Year</b>
	<b>EST</b>	<b>FY25</b>	<b>FY26</b>	<b>FY27</b>	<b>FY28</b>	<b>FY29</b>	<b>Total</b>
<b>Expenditure Schedule (000s)</b>							
Equipment, Materials and Supplies	62	500	100	100	100	100	900
<b>Total</b>	<b>62</b>	<b>500</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>900</b>

<b>Funding Source Schedule (000s)</b>							
Communications Construction and Conveyance Tax Fund (397)	62	500	100	100	100	100	900
<b>Total</b>	<b>62</b>	<b>500</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>900</b>

**Communications**  
**2025-2029 Adopted Capital Improvement Program**  
**Detail of Ongoing Projects**

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Communications Maintenance

<b>CSA Outcome</b>	Effective Use of State-of-the-Art Technology	<b>Council Districts</b>	City-wide
<b>Department Owner</b>	Public Works	<b>Appropriation</b>	A7116
<b>Description</b>	This allocation funds staffing costs associated with the maintenance of communications equipment.		

	FY24						5 Year
	EST	FY25	FY26	FY27	FY28	FY29	Total
<b>Expenditure Schedule (000s)</b>							
Maintenance, Repairs, Other	794	816	839	863	887	912	4,317
<b>Total</b>	<b>794</b>	<b>816</b>	<b>839</b>	<b>863</b>	<b>887</b>	<b>912</b>	<b>4,317</b>

<b>Funding Source Schedule (000s)</b>							
Communications Construction and Conveyance Tax Fund (397)	794	816	839	863	887	912	4,317
<b>Total</b>	<b>794</b>	<b>816</b>	<b>839</b>	<b>863</b>	<b>887</b>	<b>912</b>	<b>4,317</b>

**Communications**  
**2025-2029 Adopted Capital Improvement Program**  
**Detail of Ongoing Projects**

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Silicon Valley Regional Communications System - Radios

<b>CSA Outcome</b>	Effective Use of State-of-the-Art Technology	<b>Council Districts</b>	City-wide
<b>Department Owner</b>	Public Works	<b>Appropriation</b>	A5260

**Description** This allocation funds the replacement of radio equipment for Police, Fire, and non-public safety City operations using the Silicon Valley Regional Communications System. To replace SVRCS radios that reached the end of their useful life, additional one-time funding was included in the 2021-2022 Adopted Budget (\$5.3 million) and the 2022-2023 Adopted Budget (\$2.3 million). The ongoing allocation is programmed to remain at \$1.7 million through the 2025-2029 Adopted CIP.

	<b>FY24</b>							<b>5 Year</b>
	<b>EST</b>	<b>FY25</b>	<b>FY26</b>	<b>FY27</b>	<b>FY28</b>	<b>FY29</b>	<b>FY29</b>	<b>Total</b>
<b>Expenditure Schedule (000s)</b>								
Equipment, Materials and Supplies	625	2,857	1,700	1,700	1,700	1,700	1,700	9,657
<b>Total</b>	<b>625</b>	<b>2,857</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>9,657</b>

<b>Funding Source Schedule (000s)</b>								
Communications Construction and Conveyance Tax Fund (397)	625	2,857	1,700	1,700	1,700	1,700	1,700	9,657
<b>Total</b>	<b>625</b>	<b>2,857</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>9,657</b>

**Communications**  
**2025-2029 Adopted Capital Improvement Program**  
**Detail of Ongoing Projects**

---

Silicon Valley Regional Interoperability Authority - Administration

<b>CSA Outcome</b>	Effective Use of State-of-the-Art Technology	<b>Council Districts</b>	City-wide
<b>Department Owner</b>	Police	<b>Appropriation</b>	A5267
<b>Description</b>	This allocation funds the City's administrative costs for participating in the Silicon Valley Regional Interoperability Authority (SVRIA). Staffing and overhead costs are funded through this appropriation to ensure oversight and participation in SVRIA.		

	<b>FY24</b>						<b>5 Year</b>
	<b>EST</b>	<b>FY25</b>	<b>FY26</b>	<b>FY27</b>	<b>FY28</b>	<b>FY29</b>	<b>Total</b>
<b>Expenditure Schedule (000s)</b>							
General Administration	329	339	349	360	371	393	1,812
<b>Total</b>	<b>329</b>	<b>339</b>	<b>349</b>	<b>360</b>	<b>371</b>	<b>393</b>	<b>1,812</b>

<b>Funding Source Schedule (000s)</b>							
Communications Construction and Conveyance Tax Fund (397)	329	339	349	360	371	393	1,812
<b>Total</b>	<b>329</b>	<b>339</b>	<b>349</b>	<b>360</b>	<b>371</b>	<b>393</b>	<b>1,812</b>

**Communications**  
**2025-2029 Adopted Capital Improvement Program**  
**Detail of Ongoing Projects**

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Silicon Valley Regional Interoperability Authority - Maintenance

<b>CSA Outcome</b>	Effective Use of State-of-the-Art Technology	<b>Council Districts</b>	City-wide
<b>Department Owner</b>	Police	<b>Appropriation</b>	A7333
<b>Description</b>	This allocation funds contractual services to perform maintenance, monitoring, and service support for regional communications assets such as radio towers and related equipment in order to enhance the inter-agency communication between 15 separate jurisdictions' public safety agencies as part of the Silicon Valley Regional Interoperability Authority (SVRIA).		

	<b>FY24</b>						<b>5 Year</b>
	<b>EST</b>	<b>FY25</b>	<b>FY26</b>	<b>FY27</b>	<b>FY28</b>	<b>FY29</b>	<b>Total</b>
<b>Expenditure Schedule (000s)</b>							
Maintenance, Repairs, Other	1,489	1,555	1,584	1,662	1,744	1,831	8,376
<b>Total</b>	<b>1,489</b>	<b>1,555</b>	<b>1,584</b>	<b>1,662</b>	<b>1,744</b>	<b>1,831</b>	<b>8,376</b>

<b>Funding Source Schedule (000s)</b>							
Communications Construction and Conveyance Tax Fund (397)	1,489	1,555	1,584	1,662	1,744	1,831	8,376
<b>Total</b>	<b>1,489</b>	<b>1,555</b>	<b>1,584</b>	<b>1,662</b>	<b>1,744</b>	<b>1,831</b>	<b>8,376</b>