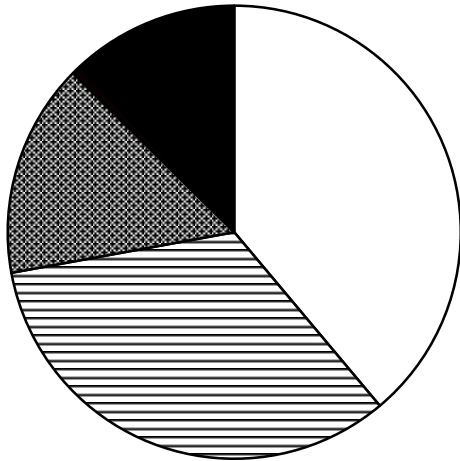


AIRPORT

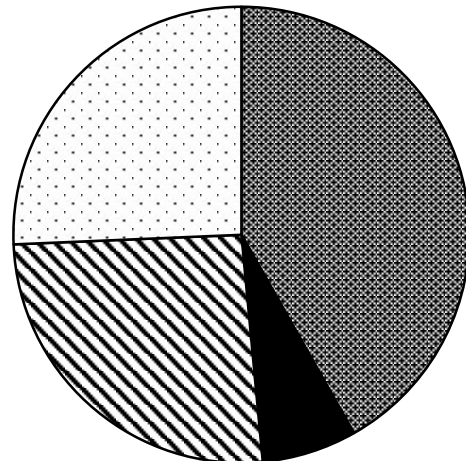
2021-2025 Capital Improvement Program

**2020-2021 Proposed
Source of Funds**



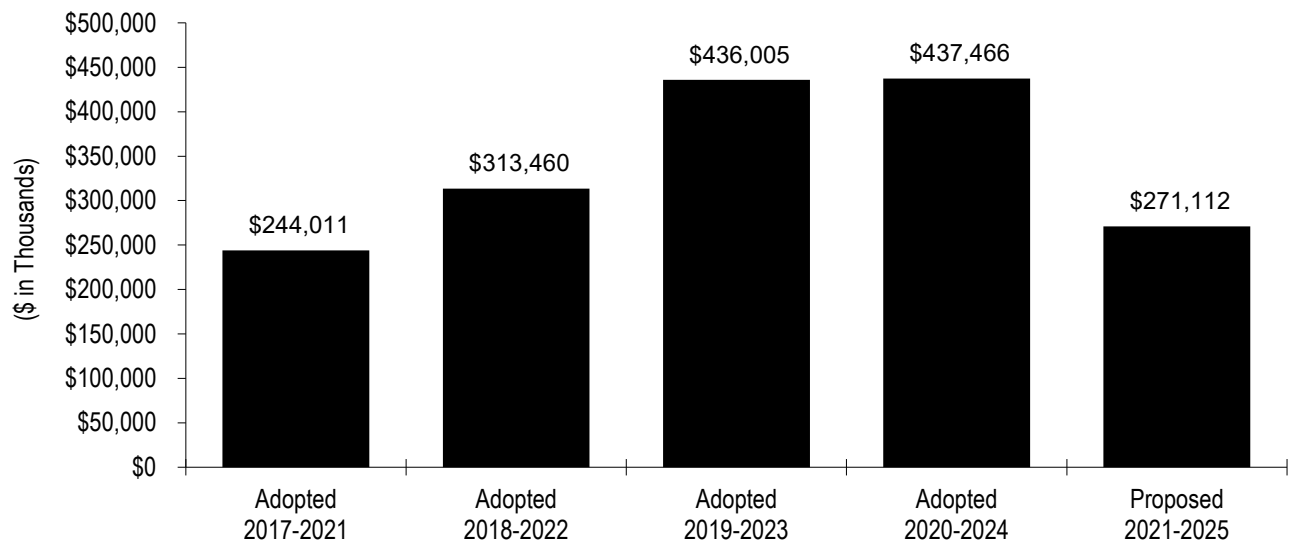
- Beginning Fund Balance
- ▨ Other Government Agencies
- ▩ Loans & Transfers
- Interest Income/Misc.
- Fees and Charges

**2020-2021 Proposed
Use of Funds**



- ▩ Construction
- Non-Construction
- ▩ Loans & Transfers
- Ending Fund Balance

CIP History



Airport

2021-2025 Proposed Capital Improvement Program Overview

INTRODUCTION

The Norman Y. Mineta San José International Airport (SJC) is located four miles north of downtown San José. The primary air service area includes the Silicon Valley, neighboring counties of Monterey, Santa Cruz, and San Benito, as well as portions of adjacent Alameda and San Mateo counties. The Airport is currently classified by the Federal Aviation Administration (FAA) as a medium-hub domestic airport with some international service.

| NORMAN Y. MINETA SAN JOSÉ INTERNATIONAL AIRPORT INFRASTRUCTURE | |
|--|-------|
| SIZE (acres) | 1,050 |
| TERMINALS | 2 |
| RUNWAYS | 2 |
| PUBLIC PARKING SPACES | 3,894 |
| PASSENGERS IN 2019-2020 (millions) (est.) | 11.2 |

The 2021-2025 Proposed Capital Improvement Program (CIP) provides funding of \$271.1 million, of which \$87.2 million is allocated in 2020-2021. This program is part of the Transportation and Aviation Services City Service Area (CSA) and supports the following outcomes: *Provide Safe and Secure Transportation Systems; Provide Viable Transportation Choices that Promote a Strong Economy; Travelers have a Positive, Reliable, and Efficient Experience; Preserve and Improve Transportation Assets and Facilities; and Provide a Transportation System that Enhances Community Livability.*

PROGRAM PRIORITIES AND OBJECTIVES

The 2021-2025 Proposed CIP for the Airport is consistent with the priorities and objectives set out for the Transportation and Aviation Services CSA. The Airport has identified the following strategic priorities for 2020-2021:

- Drive Growth
- Innovate
- Fund the Future
- Invest in the Organization

The Airport CIP is guided chiefly by the Airport Master Plan. The Airport Master Plan was adopted by the City Council in June 1997 and, as amended, provides the framework for a phased program to adequately serve aviation demand projected out to the year 2027. The Airport Master Plan was recently updated with projections out to the year 2037 and approved by City Council on April 28, 2020.

The Proposed 2021-2025 CIP contains projects reflecting all of SJC's strategic priorities. The unanticipated and devastating impact of the COVID-19 pandemic on the world dramatically affected priorities. Due to its sudden onset, and the immediate uncertainty of air travel while the world battles the pandemic, this CIP takes a conservative approach in both the forecasting and allocation of resources directed toward capital improvement. As the pandemic and recovery unfolds, assumptions and capital planning will adjust accordingly.

Airport

2021-2025 Proposed Capital Improvement Program

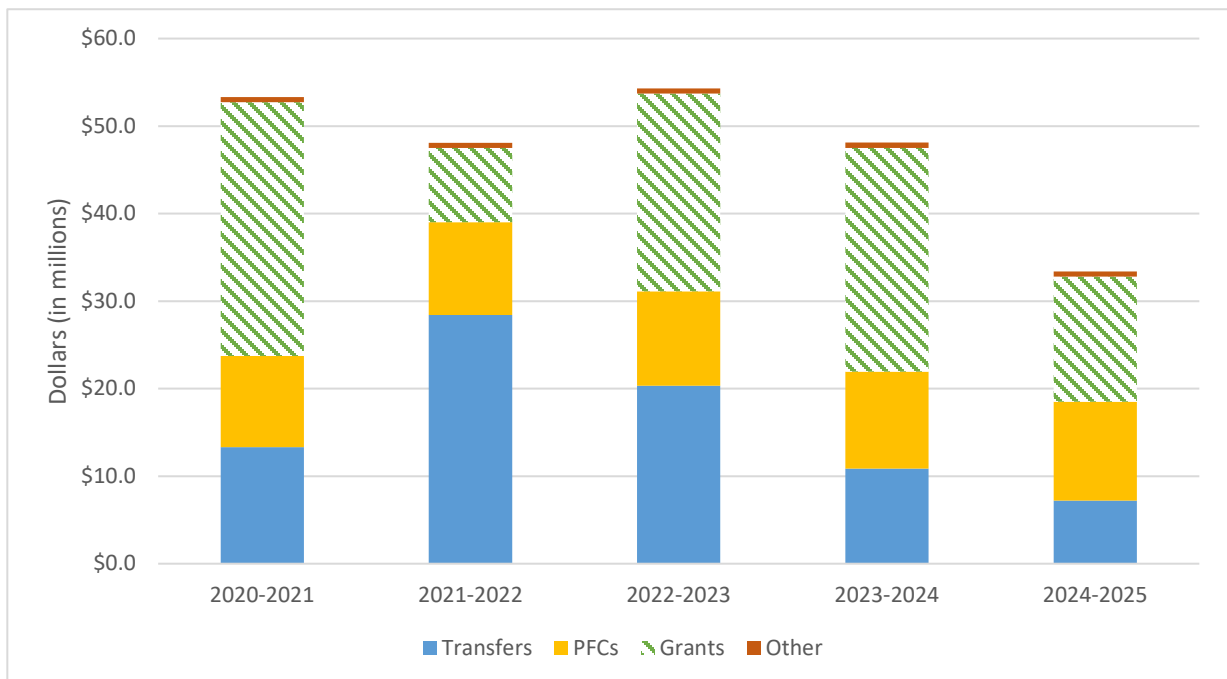
Overview

Looking forward, the Airport will continue to implement the projects in the Master Plan as feasible and focus on refurbishment of the current facilities to maximize efficiency and passenger services. Priority Master Plan projects include relocation of the Airport’s Facilities Division, construction of a new police air support hangar, relocation of the cargo facility and fueling station, and rehabilitation of an airfield pavement apron to support additional airline gates.

The Airport will also look to maximize grant funding opportunities when planning future year projects. Leveraging available federal, state, and local grant funds for eligible projects helps the Airport build and maintain a world-class facility which attracts additional passengers and businesses while fending off competition from other nearby airports offering similar services. It is important that SJC continue to support the airlines and success of the flights by improving safety and security, leveraging technology, maintaining infrastructure, and providing a favorable environment for sustained growth.

SOURCES OF FUNDING

The primary sources of funding for the 2021-2025 Proposed Airport CIP are Passenger Facility Charges (PFCs), Airport Improvement Program (AIP) grants, and transfers from Airport Operating Funds. PFCs are driven by passenger levels. In this CIP, PFCs are forecasted to drop substantially from previous years, dropping 66% below the previously budgeted estimate in 2019-2020 of \$30.5 million to \$10.4 million in 2020-2021. As the long-term economic impacts of COVID-19 are uncertain, a conservative annual increase in passenger growth of 2% is included through 2024-2025. As more data becomes available, the Airport will further refine the estimates. Revised PFC projections are anticipated by the end of the fiscal year and will be brought forward as part of a future budget



Airport

2021-2025 Proposed Capital Improvement Program

Overview

action. These estimates may continue to be revised as additional information regarding the health of the airline and travel industry is better understood.

SOURCES OF FUNDING

Grants programmed in this CIP are contingent upon the availability and award of federal funds. The AIP program, administered by the FAA, typically provides reimbursement up to 80.59% of eligible project costs. Grant projects included in the CIP are eligible, but have not yet been secured. For the purpose of this budget, and due to the high likelihood of award, estimated grant receipt levels have been included. As grant award amounts differ from projected levels, budget adjustments will be brought forward for City Council consideration.

PROGRAM HIGHLIGHTS

The Airport Capital Program expenditures are organized to show the use of funds in several categories. As demonstrated in the chart below, the Airfield Facilities Project category is the largest in the Airport Capital Program and is reflective of the multiple years of AIP grant funded work to implement new airfield geometry standards. Contributions, Loans and Transfers category is the second most significant expenditure in the Airport Capital Program and reflects PFC funds

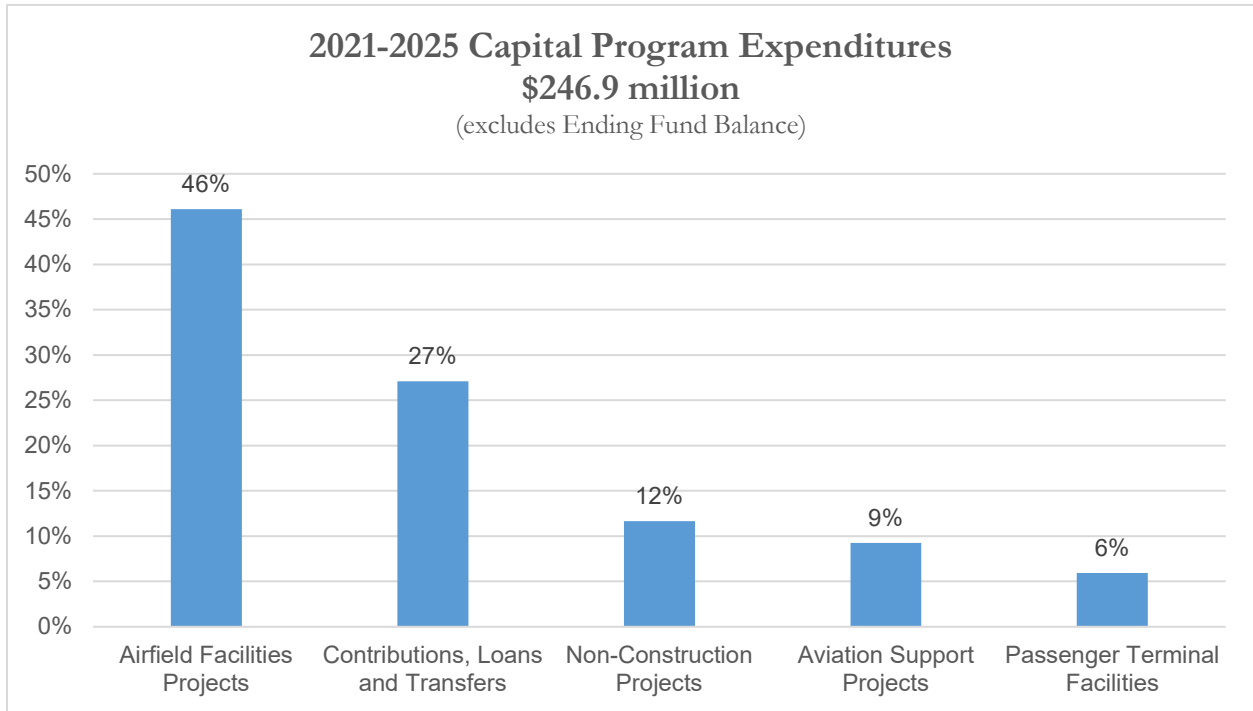


utilized to pay the eligible portion of bond debt service. Please refer to the Detail Pages for further information regarding the program's individual projects.

Airport

2021-2025 Proposed Capital Improvement Program

Overview



Airport

2021-2025 Proposed Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

Airfield Geometric Implementation

The Airfield Geometric Implementation project, anticipated to cost a total of \$76.1 million, is the second stage of a multi-year project. The goal of the project is to implement changes to airfield geometry to comply with FAA regulations and new design standards identified during the Airfield Geometric Study project. This project is important to maximize airfield safety through facility design and reconfiguration improvements. This is a multi-year project that is anticipated to receive FAA grant funding, and represents a significant expenditure illustrated in the Airfield Facilities spending category.

Airfield Electrical Circuit Rehabilitation

The Airfield Electrical Circuit Rehabilitation project (\$25.1 million) makes phased improvements to the airfield lighting system. The Airport intends to improve airfield circuit reliability around taxiways by replacing old airfield lighting circuit cables and by consolidating these circuits to improve efficiency. This project will also include the upgrade of conduit, duct bank, and cable infrastructure, including the replacement of existing airfield electrical manholes with junction can plazas.

Terminal B Ramp Rehabilitation

The Terminal Area Improvement Program (TAIP) Phase II project has been identified in the Master Plan and anticipates up to forty-two gates. The Airport currently has thirty-six gates in total between permanent facilities and the Interim Facility. The Terminal B Ramp Rehabilitation project (\$66.0 million) anticipates future development of the terminal and extends the apron to accommodate additional gates.

Ongoing Projects

Numerous ongoing construction and non-construction projects are included in the various funds that support the Airport CIP. Due to the ongoing nature of these projects, detail pages do not accompany the items. Brief descriptions of these projects are provided in the table below.

| Construction Projects | | |
|-----------------------|-----------|--|
| Project Name | \$ (CIP) | Description |
| Airfield Improvements | \$450,000 | Provides funding for the award and construction of various improvements to the airfield to correct deficiencies identified by the Federal Aviation Administration's (FAA) certification inspector or the FAA's Runway Safety Action Team (RSAT), and to respond to changes in FAA regulatory requirements. |

Airport

2021-2025 Proposed Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

| Construction Projects (cont.) | | |
|---------------------------------|-------------|---|
| Project Name | \$ (CIP) | Description |
| Pavement Maintenance - Airport | \$2,000,000 | Provides funding for the urgent repair, replacement, or reconstruction of asphalt, concrete pavement, and joint sealing at various locations throughout the Airport to meet airfield and roadway safety requirements. |
| Terminal Building Modifications | \$2,550,000 | Provides funding for modifications and alterations to Terminal buildings to accommodate operational needs, make necessary improvements, and improve functionality within Airport facilities, including capital maintenance and repair projects. |

| Non-Construction Projects | | |
|--|-------------|---|
| Project Name | \$ (CIP) | Description |
| Advanced Planning | \$3,000,000 | Provides funding for the planning, programming, and special studies associated with the implementation of the Airport Master Plan program, ongoing and potential projects related to planning and development of Airport facilities, and associated regulatory compliance. This project encompasses multiple planning studies and development program implementation efforts. |
| Airfield Preventive Pavement Maintenance | \$876,000 | Provides funding for the periodic update of the Airport's Airfield Pavement condition index as part of the Pavement Maintenance and Management System. |
| Airport Technology Services | \$1,884,000 | Provides funding for the acquisition of technology equipment, including servers and server infrastructure, computer and radio replacement, and automated systems management tools. |
| Central Plant Refurbishment | \$1,430,000 | Provides funding for Central plant refurbishment and ongoing operations including sump pump elimination and chilled water valve replacement. |
| Equipment, Operating | \$200,000 | Provides funding for the acquisition of operating equipment required for the maintenance and efficient operation of Airport facilities. |
| Jet Bridge Refurbishment | \$610,000 | Provides funding for the refurbishment projects related to jet bridges including the replacement of flooring, capacitors, air-conditioning hoses, and tunnel rollers. |

Airport

2021-2025 Proposed Capital Improvement Program

Overview

PROGRAM HIGHLIGHTS

Non-Construction Projects (cont.)

| Project Name | \$ (CIP) | Description |
|--------------------------------|-------------|---|
| Land Improvements | \$500,000 | Provides funding for minor land improvements including fencing repairs, land surveys, and sanitary line improvements around the Airport perimeter. It also funds necessary improvements and maintenance to the landscaped areas on the Airport including gopher abatement and water line backflow prevention. |
| Operations System Replacement | \$1,900,000 | Provides funding for the procurement of equipment necessary to support Airport operations systems, including, but not limited to: access control, shared use, security camera, parking revenue control, ground transportation, and noise monitoring. |
| Passenger Processing Equipment | \$400,000 | Provides funding for procurement and installation of self-service kiosks and other passenger processing equipment in the terminals and other areas where passenger processing can occur. |
| Preconditioned Air Units | \$1,375,000 | Provides funding to replace the original 28 boarding bridge preconditioned air units, replacing two to three units annually. |
| Signage Design and Production | \$500,000 | Provides funding for the fabrication and installation of terminal and roadway signs. |
| Skylight Refurbishment | \$300,000 | Provides funding for replacement of skylight joint sealant for skylights in the terminals, concourse, and baggage claim areas. |
| Terminal Carpet Replacement | \$700,000 | Provides funding for replacement of carpeting throughout the terminals and checkpoints. |
| Vehicle Replacement Program | \$762,000 | Provides funding for the Airport's replacement program for fleet vehicles and rolling stock. These vehicles supply transportation for facilities and maintenance staff, field offices for engineering and inspection staff, as well as provide for general transportation serving specialized programs like computer and telephone repair and noise monitoring. |

Airport

2021-2025 Proposed Capital Improvement Program

Overview

MAJOR CHANGES FROM THE 2020-2024 ADOPTED CIP

The overall size of the Airport Capital Improvement Program decreased by \$166.4 million (from \$437.5 million in the 2020-2024 Adopted CIP to \$271.1 million in the 2021-2025 Proposed CIP) primarily due lowered project budgets. The Capital spending plan is the result of a significant decrease in anticipated passenger revenues used to fund Capital projects. The reduced passenger traffic, and resulting Passenger Facility Charge revenue, negatively impacts the funds available for transfer to the Airport Fiscal Agent Fund for debt service payments. The decrease in size in the Capital program is also attributable to the completion of large projects such as the Economy Lot 1 Parking Garage project coupled with movement of planned pieces of the Airfield Geometric Implementation beyond the fifth year of the Capital Improvement Program.

The following table outlines the most significant changes to project budgets, including new/augmented allocations and reduced/eliminated allocations.

| Project | Incr/Decr |
|---|------------------|
| Terminal B Ramp Rehabilitation | \$22,801,000 |
| Terminal Paging System | \$6,000,000 |
| Terminal Accessibility Upgrades | \$4,167,000 |
| Parking Accessibility Upgrades | \$3,747,000 |
| Aircraft Waste Disposal and Fuel Service Relocation | \$3,326,000 |
| Terminal A Garage Infrastructure | \$1,500,000 |
| Perimeter Security Projects | \$(4,000,000) |
| Interim Terminal Facility | \$(4,623,000) |
| Airfield Electrical Circuit Rehabilitation | \$(4,743,000) |
| Parking Revenue Control System Upgrade | \$(7,000,000) |
| Terminal A Ramp Rehabilitation | \$(7,550,000) |
| Airfield Geometric Implementation | \$(15,827,000) |
| Aircraft Rescue and Fire Fighting Facility | \$(19,493,000) |
| Economy Lot 1 Parking Garage | \$(43,278,000) |
| Transfer to Airport Fiscal Agent Fund (525) | \$(70,939,000) |

OPERATING BUDGET IMPACTS

The Proposed Airport CIP is not anticipated to affect the General Fund Operating Budget. However, the unanticipated and devastating impact of the COVID-19 pandemic on the world dramatically affected priorities. The focus of the Airport is on renewing existing facilities with updated technology and customer friendly amenities while regenerating passenger traffic once public health conditions improve.

Airport Capital
2021-2025 Proposed Capital Improvement Program
Source of Funds (Combined)

| | Estimated | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
| Airport Renewal and Replacement Fund (527) | | | | | | | |
| Beginning Balance | 27,455,207 | 3,392,314 | 3,709,314 | 4,026,314 | 4,343,314 | 4,660,314 | 3,392,314 * |
| Reserve for Encumbrance | 3,243,917 | | | | | | |
| Transfers | | | | | | | |
| Transfer from Airport Surplus Revenue Fund (524) | 60,262,000 | 13,321,000 | 28,429,000 | 20,335,000 | 10,857,000 | 7,202,000 | 80,144,000 |
| TOTAL Transfers | 60,262,000 | 13,321,000 | 28,429,000 | 20,335,000 | 10,857,000 | 7,202,000 | 80,144,000 |
| Revenue from Use of Money and Property | | | | | | | |
| Interest Income | 257,000 | 317,000 | 317,000 | 317,000 | 317,000 | 317,000 | 1,585,000 |
| TOTAL Revenue from Use of Money and Property | 257,000 | 317,000 | 317,000 | 317,000 | 317,000 | 317,000 | 1,585,000 |
| Total Airport Renewal and Replacement Fund (527) | 91,218,124 | 17,030,314 | 32,455,314 | 24,678,314 | 15,517,314 | 12,179,314 | 85,121,314 * |
| Airport Passenger Facility Charge Fund (529) | | | | | | | |
| Beginning Balance | 20,109,686 | 23,275,686 | 11,366,686 | 11,433,686 | 11,500,686 | 11,600,686 | 23,275,686 * |
| Revenue from Use of Money and Property | | | | | | | |
| Interest Income | 146,000 | 218,000 | 218,000 | 218,000 | 218,000 | 218,000 | 1,090,000 |
| TOTAL Revenue from Use of Money and Property | 146,000 | 218,000 | 218,000 | 218,000 | 218,000 | 218,000 | 1,090,000 |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Source of Funds (Combined)

| | Estimated | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
| Fees, Rates and Charges | | | | | | | |
| Passenger Facility Charge Proceeds | 30,500,000 | 10,400,000 | 10,600,000 | 10,800,000 | 11,100,000 | 11,300,000 | 54,200,000 |
| TOTAL Fees, Rates and Charges | 30,500,000 | 10,400,000 | 10,600,000 | 10,800,000 | 11,100,000 | 11,300,000 | 54,200,000 |
| | | | | | | | |
| Total Airport Passenger Facility Charge Fund (529) | 50,755,686 | 33,893,686 | 22,184,686 | 22,451,686 | 22,818,686 | 23,118,686 | 78,565,686 * |
| | | | | | | | |
| Airport Capital Improvement Fund (520) | | | | | | | |
| Beginning Balance | 3,709,267 | 6,992,421 | 7,050,421 | 7,108,421 | 7,166,421 | 7,224,421 | 6,992,421 * |
| Reserve for Encumbrance | 1,974,447 | | | | | | |
| | | | | | | | |
| Revenue from Use of Money and Property | | | | | | | |
| Interest Income | 36,000 | 58,000 | 58,000 | 58,000 | 58,000 | 58,000 | 290,000 |
| TOTAL Revenue from Use of Money and Property | 36,000 | 58,000 | 58,000 | 58,000 | 58,000 | 58,000 | 290,000 |
| | | | | | | | |
| Revenue from the Federal Government | | | | | | | |
| TSA/FAA Grants | 38,782,748 | 28,997,000 | 8,462,000 | 22,565,000 | 25,558,000 | 14,292,000 | 99,874,000 |
| TOTAL Revenue from the Federal Government | 38,782,748 | 28,997,000 | 8,462,000 | 22,565,000 | 25,558,000 | 14,292,000 | 99,874,000 |
| | | | | | | | |
| Total Airport Capital Improvement Fund (520) | 44,502,462 | 36,047,421 | 15,570,421 | 29,731,421 | 32,782,421 | 21,574,421 | 107,156,421 * |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Source of Funds (Combined)

| | Estimated | | | | | | |
|--|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
| Airport Revenue Bond Improvement Fund (526) | | | | | | | |
| Beginning Balance | 1,940,424 | 268,303 | 268,303 | 268,303 | 268,303 | 268,303 | 268,303 * |
| Reserve for Encumbrance | 4,541,881 | | | | | | |
| Financing Proceeds | | | | | | | |
| Transfer from Airport Surplus Revenue Fund (524) | 3,000,000 | | | | | | |
| TOTAL Financing Proceeds | 3,000,000 | | | | | | |
| Total Airport Revenue Bond Improvement Fund (526) | 9,482,305 | 268,303 | 268,303 | 268,303 | 268,303 | 268,303 | 268,303 * |
| | | | | | | | |
| TOTAL SOURCES | 195,958,577 | 87,239,724 | 70,478,724 | 77,129,724 | 71,386,724 | 57,140,724 | 271,111,724 * |

* The 2021-2022 through 2024-2025 Beginning Balances are excluded from the FIVE-YEAR TOTAL SOURCE OF FUNDS to avoid multiple counting of the same funds.

Airport Capital
2021-2025 Proposed Capital Improvement Program
Use of Funds (Combined)

| | Estimated 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
|---|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| <u>Airport Capital</u> | | | | | | | |
| Airfield Electrical Circuit Rehabilitation | 11,008,537 | 9,494,000 | | | | | 9,494,000 |
| Airfield Geometric Implementation | 5,083,000 | 10,052,000 | 10,000,000 | 10,000,000 | 11,213,000 | 10,934,000 | 52,199,000 |
| Airfield Improvements | 100,000 | 50,000 | 100,000 | 100,000 | 100,000 | 100,000 | 450,000 |
| GA West Hangars Electrical Rehabilitation | | 55,000 | 110,000 | 110,000 | | | 275,000 |
| Lighting System Upgrade For CAT II Approach | 313,000 | | | | | | |
| Perimeter Security Projects | 3,007,000 | | | | | | |
| Terminal B Ramp Rehabilitation | 4,385,433 | 8,975,000 | | 17,600,000 | 18,000,000 | | 44,575,000 |
| Terminal A Ramp Rehabilitation | | | | | | 6,800,000 | 6,800,000 |
| Airfield Facilities | 23,896,970 | 28,626,000 | 10,210,000 | 27,810,000 | 29,313,000 | 17,834,000 | 113,793,000 |
| Bio Retention Cells | 70,000 | | | | | | |
| Guadalupe Gardens Burrowing Owl Habitat Area | 104,130 | | | | | | |
| Stormwater Compliance - North Trash Yard Canopy | 5,764 | | | | | | |
| Trench Drain Restoration | 26,124 | | | | | | |
| Aviation Support - Environmental | 206,018 | | | | | | |
| Administrative Conference Room Additions | 409,000 | | | | | | |
| Aircraft Rescue and Fire Fighting Facility | 19,474,000 | | | | | | |
| Aircraft Waste Disposal and Fuel Service Relocation | | | 3,326,000 | | | | 3,326,000 |
| AT&T Minimum Point of Entry Relocation | | | | 670,000 | | | 670,000 |
| Equipment, Operating | 48,000 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 200,000 |
| Groundwater Wells and Sampling | 313,000 | | | | | | |
| Network Replacement | 2,299,000 | | | | | | |
| Pavement Maintenance - Airport | 498,000 | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 | 2,000,000 |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Use of Funds (Combined)

| | Estimated | | | | | | |
|---|-------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
| Router Room Construction | 10,000 | | | | | | |
| SJPD Magazine Room Relocation | 616,546 | 560,000 | | | | | 560,000 |
| Aviation Support Facilities - General | 23,667,546 | 1,000,000 | 3,766,000 | 1,110,000 | 440,000 | 440,000 | 6,756,000 |
| Biometric Access Control | | | | 400,000 | 250,000 | 250,000 | 900,000 |
| Perimeter Fence Line Upgrades | 364,560 | | | | | | |
| Perimeter Security Technology Infrastructure | 26,000 | | | | | | |
| Aviation Support Facilities - Security | 390,560 | | | 400,000 | 250,000 | 250,000 | 900,000 |
| Terminal A-Plus Roof Replacement | | | 900,000 | | | | 900,000 |
| FIS Building Reroof | | | 685,000 | | | | 685,000 |
| Interim Terminal Facility | 9,214,003 | | | | | | |
| Terminal Accessibility Upgrades | 1,290,000 | | 4,564,000 | 2,183,000 | | | 6,747,000 |
| Terminal A Baggage Claim Escalators | 300,000 | 300,000 | | | | | 300,000 |
| Terminal A Baggage Make-Up Unit | | | | 600,000 | 600,000 | | 1,200,000 |
| Terminal A Generator Replacement | 96,955 | | | | | | |
| Terminal A Piping Replacement | | 400,000 | 400,000 | 400,000 | | | 1,200,000 |
| Terminal Building Modifications | 2,315,067 | 550,000 | 500,000 | 500,000 | 500,000 | 500,000 | 2,550,000 |
| Terminal B Gates 29 & 30 | 2,140 | | | | | | |
| Terminal Carpet Replacement | 499,641 | | 300,000 | 300,000 | 50,000 | 50,000 | 700,000 |
| Terminal Facility Gap Plan | 52,277 | | | | | | |
| Terminal Space Buildout | 316,672 | | | | | | |
| Upgrade Public WiFi | 400,000 | 349,000 | | | | | 349,000 |
| Passenger Terminal Facilities | 14,486,754 | 1,599,000 | 7,349,000 | 3,983,000 | 1,150,000 | 550,000 | 14,631,000 |
| Parking Accessibility Upgrades | 1,710,000 | 4,984,000 | 2,183,000 | | | | 7,167,000 |
| Economy Lot 1 Parking Garage | 42,628,000 | | | | | | |
| Terminal A Parking Garage Resurfacing | | | 2,200,000 | | | | 2,200,000 |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Use of Funds (Combined)

| | Estimated | | | | | | |
|--|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
| Terminal A Parking Garage Sprinkler System | 350,000 | 250,000 | 250,000 | 250,000 | | | 750,000 |
| Aviation Support Facilities - Parking | 44,688,000 | 5,234,000 | 4,633,000 | 250,000 | | | 10,117,000 |
| Airport Monument Signs | 930,539 | | | | | | |
| Demolition of Ewert Road Plaza | | | | 840,000 | | | 840,000 |
| Roadway Signage Rehabilitation | | | | 427,000 | 352,000 | | 779,000 |
| Terminal A Ground Transportation Island Modification | | | 3,420,000 | | | | 3,420,000 |
| Aviation Support Facilities - Transportation | 930,539 | | 3,420,000 | 1,267,000 | 352,000 | | 5,039,000 |
| Airport - Construction | 108,266,387 | 36,459,000 | 29,378,000 | 34,820,000 | 31,505,000 | 19,074,000 | 151,236,000 |
| Advanced Planning | 1,910,557 | 600,000 | 600,000 | 600,000 | 600,000 | 600,000 | 3,000,000 |
| Airfield Geometric Study/Airport Layout Plan Update | 223,527 | | | | | | |
| Airfield Paint Truck | 47,000 | | | | | | |
| Airfield Preventive Pavement Maintenance | 416,000 | 476,000 | | 400,000 | | | 876,000 |
| Airport Noise and Operations Monitoring System Replacement | | | | | 2,000,000 | | 2,000,000 |
| Airport Technology Services | 127,000 | 1,260,000 | 244,000 | 150,000 | 130,000 | 100,000 | 1,884,000 |
| Airside Lighting Replacement | | 50,000 | 100,000 | | | | 150,000 |
| AOC Equipment Replacement | | 400,000 | | | | | 400,000 |
| ARFF Equipment Replacement | 54,000 | | | | | | |
| Boom Lift | 125,000 | | | | | | |
| Bucket Truck Replacement | | | 175,000 | | | | 175,000 |
| Central Plant Refurbishment | | 450,000 | 420,000 | 420,000 | 70,000 | 70,000 | 1,430,000 |
| Cleaner Sealer Replacements | | 126,000 | | | | | 126,000 |
| Crash Phone Replacement | 145,000 | 20,000 | | | | | 20,000 |
| Customs and Border Protection Process Improvements | 575,000 | | | | | | |
| Cyber Security Appliances | | 80,000 | | | | | 80,000 |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Use of Funds (Combined)

| | Estimated 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
|---|--------------------------------|------------------|------------------|------------------|------------------|------------------|---------------------|
| Expansion Gate Trash Compactor | 75,000 | | | | | | |
| Fire Control Replacement | | 175,000 | | | | | 175,000 |
| Generator Relocations | 400,000 | | | | | | |
| Hangar 8 IT Replacement | | | 125,000 | | | | 125,000 |
| High Mast Ramp Light LED Conversion | | | | 1,500,000 | | | 1,500,000 |
| HVAC Thermostat Replacements | 60,000 | | | | | | |
| Interactive Directory | 65,000 | | | | | | |
| Jet Bridge Crash Bar Replacements | 60,000 | 30,000 | 30,000 | | | | 60,000 |
| Jet Bridge Refurbishment | 102,222 | 130,000 | 60,000 | 160,000 | 160,000 | 100,000 | 610,000 |
| Land Improvements | 105,561 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Landside Lighting Replacement | | 50,000 | 100,000 | | | | 150,000 |
| Maintenance Access Security | 75,000 | 330,000 | | | | | 330,000 |
| Mobile Podiums For Passenger Processing | 80,000 | | | | | | |
| Obstruction Survey | | | | | 500,000 | | 500,000 |
| OCIP Program | 150,000 | | | | | | |
| Operations System Replacement | 864,111 | 300,000 | 400,000 | 400,000 | 400,000 | 400,000 | 1,900,000 |
| Parking Revenue Control System Upgrade | 7,000,000 | | | | | | |
| Passenger Processing Equipment | | | 100,000 | 100,000 | 100,000 | 100,000 | 400,000 |
| Perimeter Access Gate | 25,000 | | | | | | |
| Power Chairs for Gates 1-5 | 200,000 | | | | | | |
| Preconditioned Air Units | 298,762 | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 | 1,375,000 |
| Program Management | 1,000,000 | | | | | | |
| Project Management Application | 350,000 | | | | | | |
| Project Management Support | 209,400 | | | | | | |
| Projector Upgrade | 7,000 | | | | | | |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Use of Funds (Combined)

| | Estimated 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
|---|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| Safety Management Systems Program | | | 500,000 | | | | 500,000 |
| Self Service Kiosk Replacement | 106,000 | | | | | | |
| Signage Design and Production | 156,281 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 500,000 |
| Skylight Refurbishment | 100,000 | 100,000 | | 100,000 | | 100,000 | 300,000 |
| Street Sweeper Replacement | | 250,000 | | | | | 250,000 |
| Telephony Upgrade | 80,000 | | | | | | |
| Tenant Improvement Design Criteria Revisions | | | 675,000 | | | | 675,000 |
| Terminal A Air Handler Compressor | 28,000 | | | | | | |
| Terminal A Baggage Claim Carousels | 1,267,000 | | | | | | |
| Terminal A Cabling Relocation | | 150,000 | | | | | 150,000 |
| Terminal A Elevator Equipment Air Conditioning Unit | 35,000 | | | | | | |
| Terminal A Fiber Upgrade | 300,060 | | | | | | |
| Terminal A Garage Infrastructure | | | 375,000 | 375,000 | 375,000 | 375,000 | 1,500,000 |
| Terminal A Parking Garage Fire Pump | 150,000 | | | | | | |
| Terminal Paging System | | | 3,000,000 | 3,000,000 | | | 6,000,000 |
| Terminal Passenger Assistance Carts | | 45,000 | | | | | 45,000 |
| Vehicle Replacement Program | 490,548 | 362,000 | 100,000 | 100,000 | 100,000 | 100,000 | 762,000 |
| Zero Emissions Buses | 6,012,028 | | | | | | |
| 30L Centerline LED Replacement | | | | 300,000 | | | 300,000 |
| Airport - General Non Construction | 23,475,057 | 5,859,000 | 7,479,000 | 8,080,000 | 4,910,000 | 2,420,000 | 28,748,000 |
| Airport - Non Construction | 23,475,057 | 5,859,000 | 7,479,000 | 8,080,000 | 4,910,000 | 2,420,000 | 28,748,000 |
| Public Art Funding | 2,808,410 | | 34,000 | | | | 34,000 |
| Public Art Projects | 2,808,410 | | 34,000 | | | | 34,000 |
| Transfer to Airport Fiscal Agent Fund (525) | 27,480,000 | 22,527,000 | 10,751,000 | 10,951,000 | 11,218,000 | 11,451,000 | 66,898,000 |
| Transfers to Special Funds | 27,480,000 | 22,527,000 | 10,751,000 | 10,951,000 | 11,218,000 | 11,451,000 | 66,898,000 |

Airport Capital
2021-2025 Proposed Capital Improvement Program
Use of Funds (Combined)

| | Estimated 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | 2024-2025 | 5-Year Total |
|---------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| Transfers Expense | 27,480,000 | 22,527,000 | 10,751,000 | 10,951,000 | 11,218,000 | 11,451,000 | 66,898,000 |
| Total Expenditures | 162,029,853 | 64,845,000 | 47,642,000 | 53,851,000 | 47,633,000 | 32,945,000 | 246,916,000 |
| Ending Fund Balance | 33,928,724 | 22,394,724 | 22,836,724 | 23,278,724 | 23,753,724 | 24,195,724 | 24,195,724 * |
| TOTAL | 195,958,577 | 87,239,724 | 70,478,724 | 77,129,724 | 71,386,724 | 57,140,724 | 271,111,724 * |

* The 2020-2021 through 2023-2024 Ending Balances are excluded from the FIVE-YEAR TOTAL USE OF FUNDS to avoid multiple counting of the same funds.

Airport Capital Program

2021-2025 Proposed Capital Improvement Program

Detail of One-Time Construction Projects

Airfield Electrical Circuit Rehabilitation

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 3rd Qtr. 2017 |
| CSA Outcome | Provide Safe and Secure Transportation Systems | Initial End Date | 2nd Qtr. 2019 |
| Department | Airport | Revised Start Date | |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | 2nd Qtr. 2021 |
| Council Districts | 3 | Initial Project Budget | \$8,000,000 |
| Appropriation | A401E | FY Initiated | 2017-2018 |

Description This project makes phased improvements to the Airfield Lighting System. It will include the upgrade of infrastructure (duct bank, conduit, and cable) and accessories (junction cans), including the replacement of existing airfield electrical manholes with junction can plazas.

Justification The Airport intends to improve circuit reliability by replacing old airfield lighting circuit cables and by consolidating these circuits to improve efficiency in existing constant current regulators (CCRs).

Notes

Major Cost Changes 2019-2023 CIP - Increase of \$14.5 million to reflect a revised independent contractor's estimate that takes into account that much of the work will be underground, which means the work being done will need to ensure the existing setup remains functional while the new setup is put into place.
 2021-2025 CIP - Increase of \$2.6 million as the project budget was adjusted to match the anticipated grant award.

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|--------------|---------------|--------------|------|------|------|------|--------------|----------------|---------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| General Administration | | | 753 | | | | | 753 | | 753 |
| Design | 921 | 363 | 882 | | | | | 882 | | 2,166 |
| Bid & Award | 2 | | | | | | | | | 2 |
| Construction | 3,723 | 10,645 | 7,859 | | | | | 7,859 | | 22,228 |
| Total | 4,646 | 11,009 | 9,494 | | | | | 9,494 | | 25,149 |

| Funding Source Schedule (000s) | | | | | | | | | | |
|--|--------------|---------------|--------------|--|--|--|--|--------------|--|---------------|
| Airport Renewal and Replacement Fund (527) | 906 | 2,137 | | | | | | | | 3,043 |
| Airport Capital Improvement Fund (520) | 3,741 | 8,871 | 9,494 | | | | | 9,494 | | 22,106 |
| Total | 4,646 | 11,009 | 9,494 | | | | | 9,494 | | 25,149 |

| Annual Operating Budget Impact (000s) | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total | | | | | | | | | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Detail of One-Time Construction Projects

Airfield Geometric Implementation

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 4th Qtr. 2017 |
| CSA Outcome | Provide Safe and Secure Transportation Systems | Initial End Date | 2nd Qtr. 2021 |
| Department | Airport | Revised Start Date | 2nd Qtr. 2020 |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | 2nd Qtr. 2025 |
| Council Districts | 3 | Initial Project Budget | \$50,000,000 |
| Appropriation | A401F | FY Initiated | 2017-2018 |

Description This project funds the design and construction of specific airfield reconfiguration improvements identified in the Runway Incursion Mitigation/Design Standards Analysis Study (RIM Study), as part of the larger Airfield Geometric Study, currently being completed and incorporated into pending amendments to the Airport Layout Plan and Airport Master Plan.

Justification Improvement Projects included will maximize airfield safety and compliance with current FAA design standards. Implementation of the program of specific improvement projects formulated in the RIM Study will be initiated upon FAA approval of an amended Airport Layout Plan and City approval of an amended Airport Master Plan anticipated to occur by early 2020-2021, and be phased over the next 10-15 years contingent upon availability of FAA grant funding.

Notes Project schedule has been extended to accommodate the availability of FAA grant funding and to focus resources on higher priority projects.

Major Cost Changes 2019-2023 CIP - Increase of \$7.1 million to reflect updated information resulting from the Airfield Geometric Study project, which includes a number of solutions or upgrades that may improve operations at the Airport.
 2020-2024 CIP - Increase of \$29.9 million to reflect updated project information resulting from the completed Airfield Geometric Study and increased construction costs.
 2021-2025 CIP - Decrease of \$10.9 million to reflect changes to the project planning which pushed parts of the projects beyond the five year plan.

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|------------------------|---------------------|---------------|---------------|---------------|---------------|---------------|-------------------------|---------------------------|--------------------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| General Administration | | | 1,248 | 1,342 | 1,443 | 1,551 | | 5,584 | 1,667 | 7,251 |
| Design | | | 1,248 | 1,342 | 1,443 | 1,551 | | 5,584 | 1,667 | 7,251 |
| Construction | | 5,083 | 7,556 | 7,316 | 7,114 | 8,111 | 10,934 | 41,031 | 15,491 | 61,605 |
| Total | | 5,083 | 10,052 | 10,000 | 10,000 | 11,213 | 10,934 | 52,199 | 18,825 | 76,107 |

| Funding Source Schedule (000s) | | | | | | | | | | |
|--|--|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Airport Renewal and Replacement Fund (527) | | 1,039 | | 1,941 | 1,941 | 2,176 | 2,122 | 8,180 | 3,653 | 12,872 |
| Airport Capital Improvement Fund (520) | | 4,044 | 10,052 | 8,059 | 8,059 | 9,037 | 8,812 | 44,019 | 15,172 | 63,235 |
| Total | | 5,083 | 10,052 | 10,000 | 10,000 | 11,213 | 10,934 | 52,199 | 18,825 | 76,107 |

| Annual Operating Budget Impact (000s) | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total | | | | | | | | | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Detail of One-Time Construction Projects

Parking Accessibility Upgrades

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 3rd Qtr. 2019 |
| CSA Outcome | Preserve and Improve Transportation Assets and Facilities | Initial End Date | 2nd Qtr. 2021 |
| Department | Airport | Revised Start Date | |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | 2nd Qtr. 2022 |
| Council Districts | 3 | Initial Project Budget | \$3,420,000 |
| Appropriation | A415T | FY Initiated | 2019-2020 |

Description This project funds Parking and Roadway accessibility improvements and modernization of various locations including path of travel and parking areas.

Justification An accessibility analysis for the entire Airport Property was completed and the reports itemize improvements required for code compliance.

Notes

Major Cost Changes 2021-2025 CIP - Increase of \$5.5 million to reflect updated construction estimates based on current construction codes, designs, and accessibility requirements.

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|----------------|--------------|--------------|--------------|------|------|------|-----------------|-------------------|------------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| Design | | 171 | | | | | | | | 171 |
| Bid & Award | | 15 | | | | | | | | 15 |
| Construction | | 1,524 | 4,984 | 2,183 | | | | 7,167 | | 8,691 |
| Total | | 1,710 | 4,984 | 2,183 | | | | 7,167 | | 8,877 |

| Funding Source Schedule (000s) | | | | | | | | | | |
|--|--|--------------|--------------|--------------|--|--|--|--------------|--|--------------|
| Airport Renewal and Replacement Fund (527) | | 1,710 | 4,984 | 2,183 | | | | 7,167 | | 8,877 |
| Total | | 1,710 | 4,984 | 2,183 | | | | 7,167 | | 8,877 |

| Annual Operating Budget Impact (000s) | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total | | | | | | | | | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Detail of One-Time Construction Projects

SJPD Magazine Room Relocation

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 3rd Qtr. 2017 |
| CSA Outcome | Preserve and Improve Transportation Assets and Facilities | Initial End Date | 2nd Qtr. 2018 |
| Department | Airport | Revised Start Date | 3rd Qtr. 2018 |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | 2nd Qtr. 2021 |
| Council Districts | 3 | Initial Project Budget | \$670,000 |
| Appropriation | A404O | FY Initiated | 2017-2018 |

Description This project relocates the existing San José Police Department Magazine Room, currently located on the west side of the Airport.

Justification Relocation of this room to a more remote location will provide opportunities to the Airport to lease the land or for general aviation development.

Notes

Major Cost Changes 2021-2025 CIP - Increase of \$600,000 to reflect increased costs due to changes in the design that facilitate compliance with regulations and codes for the magazines.

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|----------------|-------------|------------|------|------|------|------|-----------------|-------------------|------------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| Design | 53 | 213 | | | | | | | | 266 |
| Bid & Award | | 4 | | | | | | | | 4 |
| Construction | | 400 | 560 | | | | | 560 | | 960 |
| Total | 53 | 617 | 560 | | | | | 560 | | 1,230 |

| Funding Source Schedule (000s) | | | | | | | | | | |
|--|-----------|------------|------------|--|--|--|--|------------|--|--------------|
| Airport Renewal and Replacement Fund (527) | 53 | 617 | 560 | | | | | 560 | | 1,230 |
| Total | 53 | 617 | 560 | | | | | 560 | | 1,230 |

| Annual Operating Budget Impact (000s) | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total | | | | | | | | | | |

Airport Capital Program

2021-2025 Proposed Capital Improvement Program

Detail of One-Time Construction Projects

Terminal A Parking Garage Sprinkler System

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 3rd Qtr. 2019 |
| CSA Outcome | Preserve and Improve Transportation Assets and Facilities | Initial End Date | 2nd Qtr. 2023 |
| Department | Airport | Revised Start Date | |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | |
| Council Districts | 3 | Initial Project Budget | \$1,100,000 |
| Appropriation | A416N | FY Initiated | 2019-2020 |

Description This project funds the replacement of deteriorated sprinkler lines and sprinkler heads serving the Terminal A parking garage.

Justification Due to Microbiologically Influenced Corrosion (MIC), exterior exposure, and debris, build-up on sprinkler heads has impaired the system and requires replacement to avoid uncontrolled failure of pipes and discharge of sprinklers and alarms.

Notes

Major Cost Changes

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|-------------|------------|------------|------------|------------|------|------|--------------|----------------|---------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| Construction | | 350 | 250 | 250 | 250 | | | 750 | | 1,100 |
| Total | | 350 | 250 | 250 | 250 | | | 750 | | 1,100 |

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|--|-------------|------------|------------|------------|------------|------|------|--------------|----------------|---------------|
| Funding Source Schedule (000s) | | | | | | | | | | |
| Airport Renewal and Replacement Fund (527) | | 350 | 250 | 250 | 250 | | | 750 | | 1,100 |
| Total | | 350 | 250 | 250 | 250 | | | 750 | | 1,100 |

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|--|-------------|----------|------|------|------|------|------|--------------|----------------|---------------|
| Annual Operating Budget Impact (000s) | | | | | | | | | | |
| Total | | | | | | | | | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Detail of One-Time Construction Projects

Terminal A Piping Replacement

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 3rd Qtr. 2020 |
| CSA Outcome | Preserve and Improve Transportation Assets and Facilities | Initial End Date | 2nd Qtr. 2023 |
| Department | Airport | Revised Start Date | |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | |
| Council Districts | 3 | Initial Project Budget | \$1,200,000 |
| Appropriation | TEMP_597 | FY Initiated | 2020-2021 |

Description This project replaces end of useful life copper piping in Terminal A.

Justification Replacement in Terminal A building is necessary as repeated leaks and pipe failures have occurred, particularly in the passenger restrooms. Repairs are difficult due to a shortage of good condition portions of the pipe to connect to.

Notes

Major Cost Changes

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|-------------|----------|------------|------------|------------|------|------|--------------|----------------|---------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| Equipment, Materials and Supplies | | | 400 | 400 | 400 | | | 1,200 | | 1,200 |
| Total | | | 400 | 400 | 400 | | | 1,200 | | 1,200 |

| Funding Source Schedule (000s) | | | | | | | | | | |
|--|--|--|------------|------------|------------|--|--|--------------|--|--------------|
| Airport Renewal and Replacement Fund (527) | | | 400 | 400 | 400 | | | 1,200 | | 1,200 |
| Total | | | 400 | 400 | 400 | | | 1,200 | | 1,200 |

| Annual Operating Budget Impact (000s) | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total | | | | | | | | | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Detail of One-Time Construction Projects

Terminal B Ramp Rehabilitation

| | | | |
|--------------------------|---|-------------------------------|---------------|
| CSA | Transportation and Aviation Services | Initial Start Date | 1st Qtr. 2017 |
| CSA Outcome | Preserve and Improve Transportation Assets and Facilities | Initial End Date | 2nd Qtr. 2022 |
| Department | Airport | Revised Start Date | |
| Location | Norman Y. Mineta San Jose International Airport | Revised End Date | 2nd Qtr. 2024 |
| Council Districts | 3 | Initial Project Budget | \$35,308,000 |
| Appropriation | A400M | FY Initiated | 2016-2017 |

Description Terminal B Phase II has been identified in the Master Plan and allows up to 40 gates. The airport currently has 30 gates in the permanent facilities and six gates in the Interim Facility, however gate capacity is maxed out during peak periods of the day. This project anticipates the potential development of the Terminal and extends the apron approximately 462,000 sq. ft. to accommodate additional gates at the next phase of the terminal development. Phase one construction of the apron was completed summer 2018. Phases two and three (225,000 sq. ft. total) were completed in spring 2019. Phase four, which would improve approximately 100,000 additional sq. ft. of apron, has been put on hold pending the availability of grant funding.

Justification Replace old apron to accommodate Phase II portion of the Terminal B development project.

Notes

Major Cost Changes 2019-2023 CIP - Increase of \$19.5 million to rehabilitate more of the Terminal B apron than was originally planned, partly because of FAA approval of grant funding for the second and third phases of the project. Given the Airport's considerable growth, increasing the area to be rehabilitated better prepares the Airport to respond to the increased needs to add more gates, build out the Interim Facility, and provide more overnight parking for aircraft.
 2020-2024 CIP - Decrease of \$14.6 million to reflect a revised project scope that excludes phase four.
 2021-2025 CIP - Increase of \$25.7 million for a revised project scope that includes phase four and adds additional apron to the area where the new terminal building is anticipated to be constructed as part of the Terminal Area Improvement Program (TAIP) Phase II.

| | PRIOR YEARS | FY20 EST | FY21 | FY22 | FY23 | FY24 | FY25 | 5 YEAR TOTAL | BEYOND 5 YEARS | PROJECT TOTAL |
|------------------------------------|---------------|--------------|--------------|------|---------------|---------------|------|---------------|----------------|---------------|
| Expenditure Schedule (000s) | | | | | | | | | | |
| General Administration | | 2,753 | | | | | | | | 2,753 |
| Design | 881 | 1,323 | 880 | | 1,555 | 1,590 | | 4,025 | | 6,229 |
| Bid & Award | 38 | | | | | | | | | 38 |
| Construction | 16,071 | 309 | 8,095 | | 16,045 | 16,410 | | 40,550 | | 56,930 |
| Total | 16,990 | 4,385 | 8,975 | | 17,600 | 18,000 | | 44,575 | | 65,950 |

| Funding Source Schedule (000s) | | | | | | | | | | |
|--|---------------|--------------|--------------|--|---------------|---------------|--|---------------|--|---------------|
| Airport Renewal and Replacement Fund (527) | 2,604 | 1,632 | | | 3,416 | 3,494 | | 6,910 | | 11,146 |
| Airport Capital Improvement Fund (520) | 14,386 | 2,753 | 8,975 | | 14,184 | 14,506 | | 37,665 | | 54,804 |
| Total | 16,990 | 4,385 | 8,975 | | 17,600 | 18,000 | | 44,575 | | 65,950 |

| Annual Operating Budget Impact (000s) | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Total | | | | | | | | | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Summary of Projects that Start After 2020-2021

| | | | |
|--------------------------|---|---------------------------|---------------|
| Project Name | 30L Centerline LED Replacement | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 300,000 | Initial End Date | 2nd Qtr. 2023 |
| Total Budget | \$ 300,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the replacement of the LED Centerline fixtures for Runway 30L. | | |

| | | | |
|--------------------------|---|---------------------------|---------------|
| Project Name | Aircraft Waste Disposal and Fuel Service Relocation | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 3,326,000 | Initial End Date | 2nd Qtr. 2022 |
| Total Budget | \$ 3,326,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the relocation of the aircraft lavatory and waste disposal system to the north of the terminal complex. This includes relocation of ground vehicle service, fuel tanks, and propane to clear space for a relocated Belly Freight Facility. | | |

| | | | |
|--------------------------|--|---------------------------|---------------|
| Project Name | Airport Noise and Operations Monitoring System Replacement | Initial Start Date | 3rd Qtr. 2023 |
| 5-Yr CIP Budget | \$ 2,000,000 | Initial End Date | 2nd Qtr. 2024 |
| Total Budget | \$ 2,000,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project replaces the Airport Noise Monitoring System hardware and associated software. This system includes 13 remote noise monitoring units and an integrated system that collects flight, operational, and complaint data. In addition, the system provides more technical information for enhanced data analysis and real-time collection of aircraft flight track data used to validate the accuracy of Community Noise Equivalent Level (CNEL) noise contour models. | | |

| | | | |
|--------------------------|---|---------------------------|---------------|
| Project Name | AT&T Minimum Point of Entry Relocation | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 670,000 | Initial End Date | 2nd Qtr. 2023 |
| Total Budget | \$ 670,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the relocation of AT&T's existing point of presence from an old hangar building to a newly-constructed Minimum Point of Entry (MPOE) facility. This relocation consolidates the IT fiber and equipment in the new MPOE facility and allows potential reuse of the hangar building. | | |

| | | | |
|--------------------------|--|---------------------------|---------------|
| Project Name | Biometric Access Control | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 900,000 | Initial End Date | 2nd Qtr. 2025 |
| Total Budget | \$ 900,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the implementation of biometrics for the Airport's access control system. Biometric access controls will improve security around sensitive areas of the Airport. Access points currently use a card swipe or a card swipe + password combination for entry. Biometric controls will ensure the person requesting access at entry points is a badged employee. Potential biometric screening equipment includes thumbprint scanners, retinal scanners, and face recognition. This funding provides for a phased approach based on the most critical access points and ensures only individuals with permission and clearance can access certain areas. | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Summary of Projects that Start After 2020-2021

| | | | |
|--------------------------|--|---------------------------|---------------|
| Project Name | Bucket Truck Replacement | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 175,000 | Initial End Date | 2nd Qtr. 2022 |
| Total Budget | \$ 175,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project replaces the aging bucket truck currently in use. | | |

| | | | |
|--------------------------|---|---------------------------|---------------|
| Project Name | Demolition of Ewert Road Plaza | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 840,000 | Initial End Date | 2nd Qtr. 2023 |
| Total Budget | \$ 840,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the demolition of Ewert Road Plaza at the north end of the Airport as part of the Northeast development project. The Ewert Road Plaza is a toll plaza for an area that was previously a parking lot for passengers. This area has now been converted to a taxi staging area, and a toll plaza is no longer needed. | | |

| | | | |
|--------------------------|---|---------------------------|---------------|
| Project Name | FIS Building Reroof | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 685,000 | Initial End Date | 2nd Qtr. 2022 |
| Total Budget | \$ 685,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the reroofing of the Federal Inspection Services (FIS) building that will be at the end of its useful life in 2019-2020. | | |

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|--------------------------|---|---------------------------|---------------|
| Project Name | Hangar 8 IT Replacement | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 125,000 | Initial End Date | 2nd Qtr. 2022 |
| Total Budget | \$ 125,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the replacement of the switch and security control panels currently controlling the pedestrian and drive-in gates by the hangar. | | |

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|--------------------------|---|---------------------------|---------------|
| Project Name | High Mast Ramp Light LED Conversion | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 1,500,000 | Initial End Date | 2nd Qtr. 2023 |
| Total Budget | \$ 1,500,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the conversion of roughly 30 high-mast ramp lighting poles to light emitting diode (LED) technology. | | |

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|--------------------------|--|---------------------------|---------------|
| Project Name | Obstruction Survey | Initial Start Date | 3rd Qtr. 2023 |
| 5-Yr CIP Budget | \$ 500,000 | Initial End Date | 2nd Qtr. 2024 |
| Total Budget | \$ 500,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds an airport obstruction survey as required by the FAA for air carrier airports. The survey is conducted through aerial photogrammetry to digitally identify all obstructions in the vicinity of the airport, and is used by the FAA and airlines to ensure the safety of aircraft approaches and departures. | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Summary of Projects that Start After 2020-2021

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|--------------------------|--|---------------------------|---------|
| Project Name | Passenger Processing Equipment | Initial Start Date | Ongoing |
| 5-Yr CIP Budget | \$ 400,000 | Initial End Date | Ongoing |
| Total Budget | \$ 400,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the procurement and installation of self service kiosks and other passenger processing equipment in the terminals and other areas where passenger processing can occur. | | |

| | | | |
|--------------------------|--|---------------------------|---------------|
| Project Name | Roadway Signage Rehabilitation | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 779,000 | Initial End Date | 2nd Qtr. 2024 |
| Total Budget | \$ 779,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the rehabilitation of nine monument signs and 13 overhead roadway sign locations that are exhibiting signs of displacement and do not exhibit a seamless graphic. The signage will be cleaned to remove oxidization and improve legibility. Additionally, the monument signage structural connections will be replaced to prevent signage displacement. | | |

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|--------------------------|--|---------------------------|---------------|
| Project Name | Safety Management Systems Program | Initial Start Date | 3rd Qtr. 2012 |
| 5-Yr CIP Budget | \$ 500,000 | Initial End Date | 2nd Qtr. 2013 |
| Total Budget | \$ 507,450 | Revised Start Date | 3rd Qtr. 2017 |
| Council Districts | 3 | Revised End Date | 2nd Qtr. 2022 |
| Description | This project funds consultant services required to develop a Safety Management Systems program for the Airport. This project was originally programmed to begin in 2012-2013; however, the Airport did not receive the grant funding and requirements were not finalized by the FAA. The timing and completion of this project are contingent upon the availability of grant funding from the FAA. | | |

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|--------------------------|---|---------------------------|---------------|
| Project Name | Tenant Improvement Design Criteria Revisions | Initial Start Date | 3rd Qtr. 2018 |
| 5-Yr CIP Budget | \$ 675,000 | Initial End Date | 2nd Qtr. 2019 |
| Total Budget | \$ 874,324 | Revised Start Date | 3rd Qtr. 2021 |
| Council Districts | 3 | Revised End Date | 2nd Qtr. 2022 |
| Description | This allocation funds the review and revision of the Concession Tenants Improvements Design Criteria. This revised plan will serve the entire Airport Facility by ensuring that the design of future development, such as Terminal B - Phase II, will be consistent with the overall design criteria. | | |

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|--------------------------|--|---------------------------|---------------|
| Project Name | Terminal A Baggage Make-Up Unit | Initial Start Date | 3rd Qtr. 2022 |
| 5-Yr CIP Budget | \$ 1,200,000 | Initial End Date | 2nd Qtr. 2024 |
| Total Budget | \$ 1,200,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the design and build-out of an additional make-up unit in Terminal A's baggage handling area. A baggage make-up unit is an area where outbound luggage gets sorted prior to being placed onto the aircraft. | | |

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|--------------------------|--|---------------------------|---------------|
| Project Name | Terminal A Garage Infrastructure | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 1,500,000 | Initial End Date | 2nd Qtr. 2025 |
| Total Budget | \$ 1,500,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project will upgrade all cameras in Terminal A garage with new wiring, electrical, and communication equipment that uses current internet protocol standards. | | |

Airport Capital Program
 2021-2025 Proposed Capital Improvement Program
Summary of Projects that Start After 2020-2021

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|--------------------------|--|---------------------------|---------------|
| Project Name | Terminal A Ground Transportation Island Modification | Initial Start Date | 3rd Qtr. 2013 |
| 5-Yr CIP Budget | \$ 3,420,000 | Initial End Date | 2nd Qtr. 2015 |
| Total Budget | \$ 5,742,599 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | 2nd Qtr. 2022 |
| Description | This project funds the design and renovation of the remainder of the Terminal A Ground Transportation Island to increase operational efficiency and more closely resemble the service level of the Terminal B Ground Transportation Island. This project also includes partial replacement of the sidewalk and the truncated dome installation at the Federal Inspection Services (FIS) Facility Curbside area. Potential enhancements include traffic signals/crosswalks, new median island, and new canopies along high traffic areas. Prior project accomplishments included the addition of traffic signals, speed controls, and updated lane markings in front of Terminal A. | | |

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|--------------------------|--|---------------------------|---------------|
| Project Name | Terminal A Parking Garage Resurfacing | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 2,200,000 | Initial End Date | 2nd Qtr. 2022 |
| Total Budget | \$ 2,200,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the resurfacing of the Terminal A parking garage. Existing traffic directional markings and parking stall lines will be covered over during the resurfacing process. Traffic paint must be reapplied after the resurfacing process is complete. | | |

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|--------------------------|---|---------------------------|---------------|
| Project Name | Terminal A Ramp Rehabilitation | Initial Start Date | 3rd Qtr. 2024 |
| 5-Yr CIP Budget | \$ 6,800,000 | Initial End Date | 2nd Qtr. 2025 |
| Total Budget | \$ 6,800,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project anticipates the replacement of the airside parking apron for Terminal A Plus. Phase I rehabilitates approximately 96,500 square feet of apron and Phase II rehabilitates approximately 144,904 square feet of apron. | | |

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|--------------------------|--|---------------------------|---------------|
| Project Name | Terminal Accessibility Upgrades | Initial Start Date | 3rd Qtr. 2019 |
| 5-Yr CIP Budget | \$ 6,747,000 | Initial End Date | 2nd Qtr. 2021 |
| Total Budget | \$ 8,037,000 | Revised Start Date | 3rd Qtr. 2019 |
| Council Districts | 3 | Revised End Date | 2nd Qtr. 2023 |
| Description | This project funds terminal wide accessibility improvements and modernization for various locations including path of travel, restrooms, and drinking fountains. | | |

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|--------------------------|---|---------------------------|---------------|
| Project Name | Terminal A-Plus Roof Replacement | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 900,000 | Initial End Date | 2nd Qtr. 2022 |
| Total Budget | \$ 900,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project funds the reroofing of the Terminal A-Plus building that will be at the end of its useful life in 2021-2022. | | |

Airport Capital Program
2021-2025 Proposed Capital Improvement Program

Summary of Projects that Start After 2020-2021

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|--------------------------|---|---------------------------|---------------|
| Project Name | Terminal Paging System | Initial Start Date | 3rd Qtr. 2021 |
| 5-Yr CIP Budget | \$ 6,000,000 | Initial End Date | 2nd Qtr. 2023 |
| Total Budget | \$ 6,000,000 | Revised Start Date | |
| Council Districts | 3 | Revised End Date | |
| Description | This project will replace the terminal paging system which is at the end of its useful of life. | | |

Airport

2021-2025 Proposed Capital Improvement Program

Explanation of Funds

The diagram following this section illustrates the funds and accounts maintained by the Airport, including those established or maintained under the provisions of the July 1, 2001, Master Trust Agreement. The diagram depicts the prioritization for the application of revenues.

Generally, this “Flow and Priority of Funds” is related to the operating budget rather than to the capital budget; however, the Airport’s four capital budget funds - Airport Capital Improvement Fund (520), Airport Revenue Bond Improvement Fund (526), Airport Passenger Facility Charge Fund (529), and Airport Renewal and Replacement Fund (527) - have been included in order to illustrate how transfers between these funds can occur.

As revenues are received in the Airport Revenue Fund, they are applied in the following priority for the following purposes:

Airport Maintenance and Operation Fund Amounts are deposited on a monthly basis for maintenance and operation costs.

Interest Fund This fund is held by the Airport’s Trustee in support of revenue bond issuances. Deposits are made until the amount in the Interest Fund is sufficient to meet the next semi-annual interest payment.

Principal Fund This fund is also held by the Airport’s Trustee. Deposits are made until the amount in the Principal Fund is sufficient to meet the next principal and sinking fund payment.

Bond Reserve Fund This fund is held by the Airport’s Trustee and is maintained at a level equal to the Required Reserve.

Airport Surplus Revenue Fund In the Airport Surplus Revenue Fund, deposits are made for specified purposes, as follows:

- To the Subordinated Debt Account, for the payment of subordinated debt.
- To the Safety Net Account, an amount established at the discretion of the City to reserve funds for unusual or exceptional circumstances to ensure the Airport’s continued operation.
- To the Renewal and Replacement Account, amounts as established in the annual budget of the Airport for capital projects such as repair and renovation of capital facilities and Airport equipment purchases.

Any excess funds beyond the Airport Surplus Revenue Fund deposits described above may stay in the Airport Revenue Fund and are credited to airline rentals and fees in the following fiscal year.

The Airport utilizes four capital funds:

Airport Capital Improvement Fund Grant revenues and expenditures are recorded in the Airport Capital Improvement Fund. Principally, these are federal grants administered by the Federal Aviation Administration (FAA) under its Airport Improvement Program (AIP). American Reinvestment and Recovery Act of 2009 grant awards are also recorded in this Fund. For construction AIP grants, the grant must be awarded before the project begins, and the Airport must front the initial partial payments but can immediately apply for reimbursement for costs as they are incurred. Most grants provide an 80% reimbursement. The Airport’s 20% share is primarily funded by the Airport

Airport

2021-2025 Proposed Capital Improvement Program

Explanation of Funds

Passenger Facility Charge Fund, but the Airport Renewal and Replacement Fund may also be used.

Airport Revenue Bond Improvement Fund
Major capital projects financed by bond issuances and other debt instruments are funded in the Airport Revenue Bond Improvement Fund.

Airport Passenger Facility Charge Fund
Projects that have been approved by the FAA are to be funded from the Airport Passenger Facility Charge Fund, which is derived from a \$4.50 fee charged to departing passengers. Such projects would be determined in conjunction with the airlines that utilize the Airport facilities.

Airport Renewal and Replacement Fund The sources of this fund are operational revenues budgeted in the annual maintenance and operating budget, included in the calculation of the annual rates and charges, and funneled to this fund via the Airport Surplus Revenue Fund. Projects in this fund include capital maintenance of existing facilities, environmental/planning work, as well as major projects that have not received - or are ineligible for - funding approval under the Airport Improvement Program or Airport Passenger Facility Charge Program.

NORMAN Y. MINETA SAN JOSÉ INTERNATIONAL AIRPORT FLOW AND PRIORITY OF FUNDS

