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CIP FY 2019

Capital Improvement Program

Adopted FY 2019

Planned FY 2020-2023



Adopted Fiscal Year 2018/19 CIP – June, 2018

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Introduction

June 5, 2018

Honorable Mayor and members of the City Council:

Subject: Fiscal Year 2017/18 CIP Status Report and Proposed Fiscal Year 2018/19 CIP

I am pleased to provide you the following comprehensive document that includes descriptions and the status of currently budgeted projects as well as proposed projects in the categories described later in this letter. This document guides the City in the funding and scheduling of infrastructure improvement projects over the next five years. The CIP does not include routine infrastructure maintenance efforts such as for our Pavement Management Program or our annual concrete projects for repairs of curbs, gutters, and sidewalks, which you will find located in the proposed Operating Budget.

Completed Plans Driving the CIP

While all of the projects in the proposed CIP budget conform to the goals and policies of the City's General Plan, Community-Driven Master Plans, and Asset Management Plans will continue to guide how we build our city's infrastructure. Over the past several years, master planning work, studies, audits and work plans have been completed in several subject areas such as the Bicycle Transportation Plan, ADA Transition Plan, Pedestrian Master Plan, School Walk Audit, the Santa Clara County Expressway Plan, the Stevens Creek Corridor Park Master Plan and Restoration Plan, the McClellan Ranch Preserve Master Plan, and the Regnart Road Slope Stability study.

Many of our current projects were generated as priorities in these adopted master plans. A good example of this is the emphasis that the FY 2017-18 CIP budget placed on implementing the approved 2016 Bicycle Transportation Plan. As the Citywide Parks and Recreation Master Plan, the Storm Drain Master Plan, Stevens Creek Corridor Park Chain Master Plan – McClellan to Stevens Creek Blvd and the Citywide Building Condition Assessment are completed in the coming year, we anticipate that those guidance documents will cast a new focused emphasis throughout the CIP. In anticipation, the proposed CIP provides program specific proposals to implement specific project priorities once they are identified. An example of this approach would be Storm Drain Master Plan Implementation.

Mobility and Transportation Mode Shift

As stated above, the 2016 Bicycle Transportation Plan is relied upon to drive several large projects in this CIP. This progressive planning document and the City Council's support of implementation funding is quickly moving Cupertino into a leadership position within the region. Projects that are already budgeted and carried over for implementation with this CIP include providing the first phase of separated bike lanes on McClellan Road, as well as designs

for the remainder of the separated bike lane, including the reconfiguration of the intersection of McClellan Road/Pacific Drive and De Anza Boulevard. The budget continues funding for feasibility studies that have just begun for the UPRR Trail and the Junipero Serra Trail (formerly the I-280 Channel Trail), as well as for the Regnart Creek Trail that will connect the McClellan Road Bike Corridor to Creekside Park and Cupertino High School. Improvements to provide a network of “bike boulevards” throughout the city has also already been funded, with significant progress made on designs for several neighborhoods, and funds will be carried over into this year for implementation of the wayfinding and signage program.

The categories in this document have been changed to more closely reflect Department priorities and to provide the City Council a better structure and perspective on areas of the proposed CIP where they have the most discretion. Projects identified for funding beyond FY 2018/19 and not part of a previously funded project have been moved to the unfunded category. The CIP Funding Summary table on page 1, immediately following the Table of Contents, provides information on which fund would be used for the project, what master plans are the source for the project, and the priority level for the project. Newly proposed projects are listed below.

Fund Types for CIP

Tax Supported Funds

Capital Improvement Fund (General Fund)

The General Fund is the primary operating fund for governmental services. Within the General Fund, the Capital Improvement Fund is utilized for the acquisition or construction of major capital facilities. A copy of the Capital Improvement Policy is attached at the end of this letter.

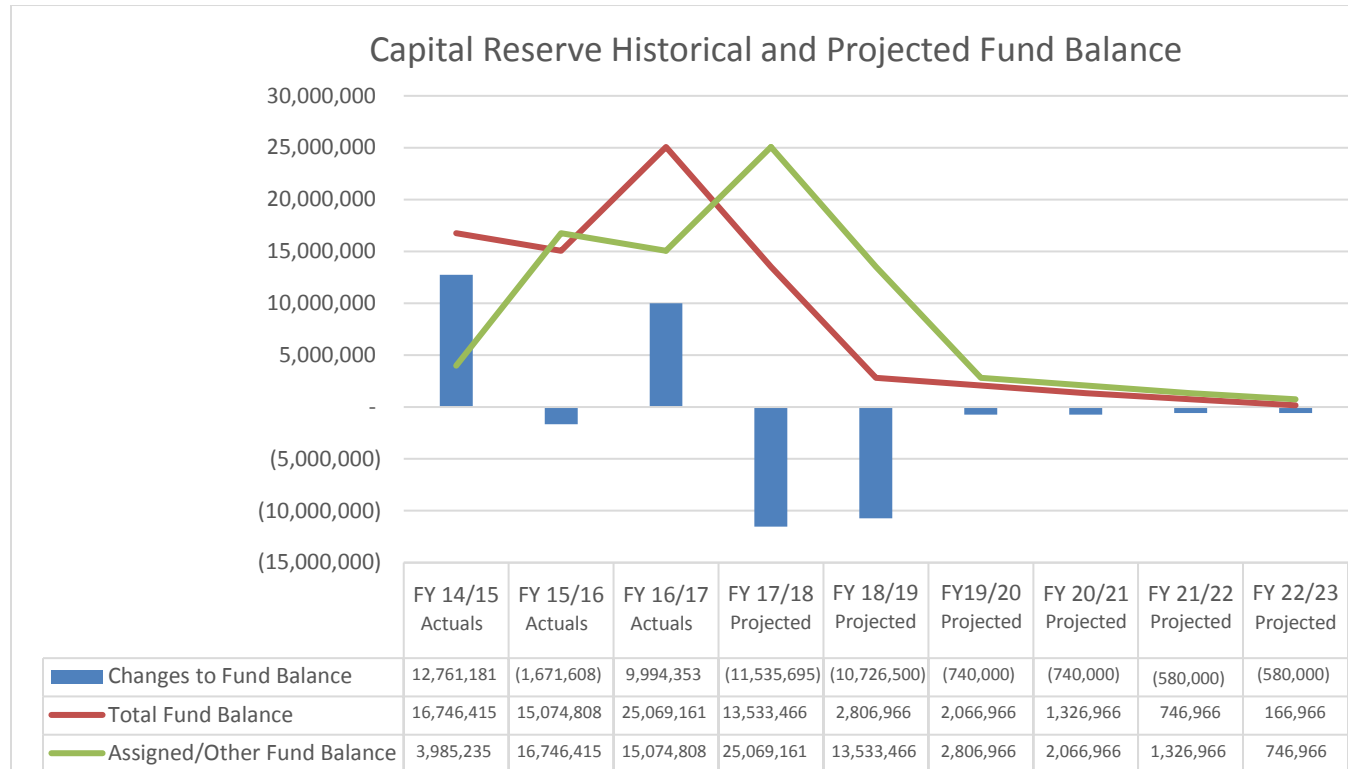
Capital Reserve (General Fund)

The City’s Capital Reserve is intended to be used for capital improvement projects in the City. Funding for this reserve is governed by the City’s Assigned and Unassigned Fund Balance and Use of One Time Funds Policy that can be found in the Financial Policies and Schedules section of the City’s proposed and final budget documents. Per that policy any unassigned fund balance in the General Fund at year end over \$500,000 will be transferred to the Capital Reserve.

The Capital Reserve is projected to end fiscal year 2017-18 with \$13.5 million in fund balance due primarily to a large transfer in from the General Fund of excess unassigned fund balance as part of the FY17-18 Mid-Year Financial Report. At the end of the five year forecast it is projected that the capital reserve will end FY22/23 with \$166,966 in fund balance.

Changes to fund balance are derived by taking any projected transfer in from the General Fund (assumes at \$0 for the forecast period) and then subtracting total funded project costs for that fiscal year. Based on the FY17/18 Proposed Five Year Capital Improvement Program and the

General Fund Five Year Forecast the following chart shows historical actuals and projected estimates for the next five years for the Capital Reserve.



Stevens Creek Corridor Park Capital Projects

This fund pays for the design and construction of the Stevens Creek Corridor Park projects.

Special Revenue Funds

Storm Drain Improvement Fund

This fund pays for the construction and maintenance of storm drain facilities, including drainage and sanitary sewer facilities. Revenues are collected as a line item on the City’s behalf via the County property tax billing.

Park Dedication Fund

This fund pays for the activity granted by the business and professions code of the State of California in accordance with the open space and conservation element of the City’s General Plan. Revenues are collected as a development “in-lieu” fee with all new residential development.

Transportation Fund

This fund pays for expenditures related to the maintenance and construction of City streets. Revenues are collected from Vehicle License Fees, Gas Tax, Cal Recycle Grant funding (for rubberized pavement) as well as SB1 dollars.

Transportation Impact Fee

This fund pays for the cost of transportation improvements required to serve new development.

Impact fees are one-time charges on new development, additions to existing structures, changes in use, or similar construction activity that requires a building permit, collected and used by the City to cover the cost of capital facilities and infrastructure that are required to serve new growth.

Housing & Community Development

This fund pays for the Federal Housing and Community Development Grant Program activities administered by the City. This fund also pays for activities related to the Below Market Rate Housing Program. Revenues are collected as a development “in-lieu” fee with all new residential development.

Enterprise Funds

Blackberry Farm Golf Course Fund

This fund pays for operating costs related to the Blackberry Farm Golf Course. Revenues are collected as fees from users of the golf course.

Sports Center Fund

This fund pays for operating costs related to the Sports Center. Revenues are collected as fees from users of the Sports Center.

Recreation Programs Fund

This fund pays for operating costs related to the City’s community centers and park facilities. Revenues are collected as fees for recreation programs at the City’s community centers and park facilities.

Priorities

As a tool to help make decisions about funding and the scheduling of resources, each project has been prioritized using the following *amended* two category criteria:

- a. Priority One –
 - i. Identified as priority in adopted master plan
 - ii. Exigent Project (Emergency Repair, Grant Opportunity, Limited Outside funding availability)
 - iii. Routine Repair/Maintenance/Improvement (includes small projects aggregated into a single project)
 - iv. Ongoing project with prior year funding
- b. Priority Two –
 - i. Project identified as lower priority project in an adopted master plan.
 - ii. Project with incomplete/Inadequate funding sources or delayed funding.

Project Categories

New Projects – Current Year

These are newly proposed projects to be implemented in FY 2018-19:

- Blackberry Farm Entrance Road Improvements - Feasibility
- Citywide Building Condition Assessment Implementation

- Creek Infall/Outfall Restoration
- De Anza Median Island Landscaping Phase II
- Lawrence-Mitty Park Master Plan
- McClellan Ranch Preserve Community Garden Improvements -Construction
- McClellan Ranch Preserve Environmental Education Center Aquatic Habitat
- Regnart Road Improvements
- School Walk Audit Implementation
- Stevens Creek Blvd and Bandlely Dr. Signal and Median Improvements
- Stevens Creek Boulevard Class IV Bikeway Installation Phase 1
- Storm Drain Master Plan Implementation
- Street Light Replacement – Citywide (Labor Only)

Existing Projects – Multi-Year Funding

These projects have been funded in current or previous budget documents, and continued or additional funding is required to continue implementation.

- ADA Improvements
- Capital Project Support
- CIP Preliminary Planning & Design
- Citywide Parks and Recreation Master Plan – CEQA Analysis
- Service Center Shed No. 3 Improvement
- Sports Center – Upgrades
- Stevens Creek Corridor Park Chain Master Plan – McClellan Rd to Stevens Creek Blvd
- Street Light Installation – Annual Infill

Existing Projects – Completely Funded (To be carried over)

These projects have been funded in the current year budget but are not complete, so existing funding will be carried over without augmentation.

Existing Projects – Unfunded

Although these projects are not proposed for funding at this time, through a community, City Council, or staff proposal, they are tracked in this budget document.

Project Cost Estimates

Following are the project description and budget sheets for the five-year CIP budget plan. The estimated project costs shown are inclusive of all anticipated direct and indirect costs, including for administration and management of the project, design, community outreach, permits, construction management and inspections, internal cost allocation, and the construction contract.

FY 2017 CIP Accomplishments

Notable accomplishments in FY 2017-18 to include the following:

Completion of the following projects:

- ADA Improvements (Jollyman and Varian Parks)
- International Cricket Ground – Feasibility Study
- Fiber Network Extension to the Service Center
- McClellan Ranch Community Garden Improvements – Conceptual Planning & Design
- Retaining Wall Replacement-Regnart Rd
- Senior Center Walkway Replacement
- Sports Center Upgrades – East Tennis Courts Light Replacement
- Storm Drain Improvements – Foothill Blvd. & Cupertino Rd
- Storm Drain Master Plan
- Tennis Court Resurfacing – Various Parks

Projects that have met significant progress milestones include:

- McClellan Ranch West Parking Lot Improvement: complete through Construction Documents;
- McClellan Rd. Sidewalk Improvement – Phase 2: design and resident/owner land donation completed;
- Street Median Irrigation & Plant Replacement – Construction started
- Service Center Shed No. 3 Improvement: complete through Construction Documents

Three projects that were included in FY 2018 CIP are recommended for defunding and to be moved to the Unfunded list,

- Traffic Signal: Foothill/I-280 SB Off-Ramp - \$100,000
- Stocklmeir House: Sanitary Sewer Lateral - \$50,000
- Storm Drain Improvements – Byrne Ave. & Stevens Creek Blvd. - \$1,500,000

Respectfully submitted,



Timm Borden
Director of Public Works

FISCAL POLICIES – Capital Improvement Policy

PURPOSE

To establish a Capital Improvement Policy to assist in future planning.

SCOPE

All anticipated Capital Improvement Projects for the current fiscal year plus four additional fiscal years.

POLICY

The City will prepare and update a five year Capital Improvement Plan (CIP) encompassing all City facilities

Projects included in the CIP will have complete information on the need for the project (project justification), description and scope of work, total cost estimates, future cost estimates, future operating and maintenance costs and how the project will be funded.

An objective process for evaluating CIP projects with respect to the overall needs of the City will be established through a priority ranking of CIP projects. The ranking of projects will be used to allocate resources to ensure priority projects are completed effectively and efficiently.

Changes to the CIP such as addition of new projects, changes in scope and costs of a project or reprioritization of projects will require City Manager and City Council approval.

The City will maintain its physical assets at a level adequate to protect the City's capital investment and to minimize future operating maintenance and replacement costs. The City recognizes that deferred maintenance increases future capital costs, thus placing a burden on future residents. Therefore, the budget will provide for adequate maintenance and the orderly replacement of capital plant and equipment from current revenues when possible.

The City will determine the least costly funding method for its capital projects and will obtain grants, contributions and low cost state or federal loans whenever possible.

The City will utilize "pay-as-you-go" funding for capital improvement expenditures considered recurring, operating or maintenance in nature. The City may also utilize "pay-as-you-go" funding for capital improvements when current revenues and adequate fund balances are available or when issuing debt would adversely affect the City's credit rating.

The City will consider the use of debt financing for capital projects under the following circumstances:

- When the project's useful life will exceed the terms of the financing
- When resources are deemed sufficient and reliable to service the long-term debt
- When market conditions present favorable interest rates for City financing
- When the issuance of debt will not adversely affect the City's credit rating and debt coverage ratios.

California Society of Municipal Finance Officers

Certificate of Award

Capital Budget Excellence Award Fiscal Year 2017-2018

Presented to the

City of Cupertino

For meeting the criteria established to achieve the Capital Budget Excellence Award.

February 7, 2018



A handwritten signature in blue ink, appearing to read "Drew Corbett".

Drew Corbett
CSMFO President

A handwritten signature in blue ink, appearing to read "Craig Boyer".

Craig Boyer, Chair
Professional Standards and
Recognition Committee

Dedicated Excellence in Municipal Financial Reporting

CAPITAL IMPROVEMENT PROGRAM FUNDING SUMMARY

Adopted Five Year Capital Improvement Program
Fiscal Years 2019-2023 ~ Program Funding Summary

Funding Types

BBF - Blackberry Farm Enterprise Fund (560) (restricted use category)
 DIL - Developer in Lieu Fund (restricted use category)
 GF - General Fund (420/429) (unrestricted)
 PD - Park Dedication Fund (280) (restricted use category)
 RP - Recreation Program Enterprise Fund (580) (restricted use category)
 SC - Sports Center Enterprise Fund (570) (restricted use category)
 SCCP - Stevens Creek Corridor Park Capital Projects Fund (427) (restricted use category)
 SD - Storm Drain Improvement Fund (210) (restricted use category)
 TF - Transportation Fund (270) (restricted use category)

Priority Type

Priority 1
 i. Identified as priority in adopted master plan
 ii. Exigent Project (emergency repair, grant opportunity, safety priority, etc.)
 iii. Routine Repair /maint. - includes small projects aggregated into a single project
 iv. Ongoing Project with prior year funding
Priority 2
 i. Identified as lower priority in adopted infrastructure plan
 ii. Incomplete /inadequate funding or delayed funding
 iii.

Approved Plan(s)

ADA - ADA Transition Plan
 BCA - Building Condition Assessment
 CCMP - Civic Center Master Plan
 BTP - Bicycle Transportation Plan
 EP - Santa Clara County Expressway Plan
 GP - General Plan
 MPP - McClellan Ranch Preserve Master Plan
 PMP - Pedestrian Master Plan
 SCC - Stevens Creek Corridor Park Master Plan and Restoration Plan (2006)
 SDMP - Storm Drain Master Plan

Description	Funding Type	Approved Plan	Priority	Total Budget	Prior Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
CATEGORY 1 - NEW PROJECTS - CURRENT YEAR										
BBF Entrance Road Improvements - Feasibility	GF		1	75,000		75,000				
Citywide Building Condition Assessment Implementation	GF	BCA	1	5,000,000		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Creek Infall/Outfall Restoration	GF		1	480,000		160,000	160,000	160,000		
De Anza Median Island Landscaping Phase II	GF	GP	2	1,546,500		1,546,500				
Lawrence-Mitty Park Master Plan (DEV. FUNDED)	DIL		2	100,000		100,000				
MRP Community Garden Improvements - Construction	PD/GF	GP/MRP	2	1,500,000		1,500,000				
MRP EEC Aquatic Habitat	GF		2	125,000		125,000				
Regent Road Improvements	GF		1	750,000		150,000	150,000	150,000	150,000	150,000
School Walk Audit Implementation	GF		1	1,250,000		250,000	250,000	250,000	250,000	250,000
Stevens Creek Blvd. and Bandleley Signal Upgrades (\$25,658 DEV. FUNDED)	DIL/GF	GP	2	150,000		150,000				
Stevens Creek Boulevard Class IV Bikeway Installation Phase I (DEV. FUNDED)	DIL	BTP	1	1,800,000		1,800,000				
Storm Drain Master Plan Implementation	SD	GP/SDMP	2	3,100,000		1,500,000	400,000	400,000	400,000	400,000
Street Light Replacement - Citywide (Labor Only)	GF	GP	1	200,000		200,000				
Totals						8,556,500	1,960,000	1,960,000	1,800,000	1,800,000

Adopted Five Year Capital Improvement Program
Fiscal Years 2019-2023 ~ Program Funding Summary

Description	Funding Type	Approved Plan	Priority	Total Budget	Prior Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
CATEGORY 2 - EXISTING PROJECTS - MULTI-YEAR FUNDING										
ADA Improvements	GF	GP/ADA	1	620,000	245,000	75,000	75,000	75,000	75,000	75,000
Capital Project Support	GF	GP	1	300,000	50,000	50,000	50,000	50,000	50,000	50,000
CLP Preliminary Planning & Design	GF	GP	1	750,000	125,000	125,000	125,000	125,000	125,000	125,000
Citywide Parks and Recreation Master Plan and CEQA Analysis	GF	GP	1	600,000	500,000	100,000				
Service Center Shed No. 3 Improvement	GF	GP	1	1,100,000	500,000	600,000				
Sports Center - Upgrades	GF	GP	1	1,590,000	760,000	830,000				
Stevens Creek Corridor Park Chain Master Plan - McClellan Rd to Stevens Creek Blvd.	GF	GP	1	610,000	535,000	75,000				
Street Light Installation - Annual Infill	GF	GP	2	180,000	30,000	30,000	30,000	30,000	30,000	30,000
Totals				5,750,000	2,745,000	1,885,000	280,000	280,000	280,000	280,000

Description	Funding Type	Approved Plan	Priority	Total Budget	Prior Years	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
CATEGORY 3 - EXISTING PROJECTS - COMPLETELY FUNDED (TO BE CARRIED OVER)										
2016 Bicycle Plan Implementation (FY2017/18 budgets by sub-project) - \$390,000 DIL					7,266,000					
a. I-280 Channel Trail Feasibility Study (\$ 250,000)	GF/DIL	GP/BTP	1	0						
b. UPRR Trail Feasibility Study (\$ 250,000)	GF	GP/BTP	1	0						
c. Bicycle Wayfinding Program (\$ 60,000)	GF	GP/BTP	1	0						
d. McClellan Road Bike Corridor (\$ 5,289,000)	GF	GP/BTP	1	0						
i. Stelling Rd to Imperial Ave Separated Bike Lane										
ii. Signal/Intersection Improvements at Bubb and at Stelling										
iii. Stelling to Torre Separated Bike Lane										
iv. Imperial to Byrne Separated Bike Lane										
v. Signal/Intersection Improvements at De Anza Blvd										
vi. Regent Creek Trail Feasibility Study										
e. Bicycle Boulevards Implementation (\$ 1,417,000)	GF/DIL	GP/BTP	1	0						
Carmen Road Pedestrian / Bike Bridge Study	GF	GP/BTP	1	100,000	100,000					
City Bridge Maintenance Repairs	TF	GP	1	700,000	700,000					
Inclusive Play Area - Planning	GF	GP	1	30,000	30,000					
Lawrence - Mitty Park	DIL	GP	2	8,170,994	8,170,994					
McClellan Ranch - Construct Trash Enclosure	GF	GP	1	154,000	154,000					
McClellan Rd. Sidewalk Improvements - Phase 2	TF	GP/PMP	1	2,035,000	2,035,000					
McClellan Rd. Sidewalk Installation - Rose Blossom Dr. to Hwy 85 Overcrossing	GF	GP/PMP	1	430,000	430,000					
McClellan West Parking Lot Improvement	GF	GP	1	950,000	950,000					
Memorial Park Master Plan & Parking Study	GF	GP	2	150,000	150,000					
Recreation Facilities Monument Sign	GF	GP	2	385,000	385,000					
Retaining Wall Repair - Cordova Rd.	GF	GP	1	350,000	350,000					
Senior Center Repairs	GF	GP	2	200,000	200,000					
Sidewalk Improvements - Orange & Byrne (\$34,495 DIL)	TF/DIL	GP/PMP	1	3,888,000	3,888,000					
Stevens Creek Bank Repair - South of SCB - Conceptual Design	GF	GP/SCC	1	100,000	100,000					
Street Light Installation - Randy Ln. & Larry Wy.	GF	GP	1	367,000	367,000					
Street Median Irrigation & Plant Replacement (De Anza Blvd. Ph.1)	GF	GP	1	1,410,000	1,410,000					
Totals				26,685,994	26,685,994					

CATEGORY 1: NEW PROJECTS – CURRENT YEAR

Blackberry Farm Entrance Road Improvements - Feasibility



DESCRIPTION

Prepare a feasibility study on ways to improve pedestrian and bicycle access to Blackberry Park Farm and Stevens Creek Corridor Trail.

Budget Unit: 560-99-061 **Priority:** 1
Budgeted Amount: \$75,000 **Location:** Blackberry Farm
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

Current access to Blackberry Farm for bicycles, pedestrians and vehicles is a narrow access road shared by all three groups. This feasibility study will identify and evaluate various concepts to improve access for non-vehicular visitors to the park.

OPERATING BUDGET IMPACTS:

There will be no Operating Budget impact as a result of this project. This project will use staff time for project management.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	75,000					\$75,000
Subtotal	75,000					\$75,000

Citywide Building Condition Assessment Implementation



DESCRIPTION

Implement recommendations identified in the 2017/18 Comprehensive Facility Condition and Use Assessment. This project would fund improvements to correct building deficiencies and improvements necessary to keep City owned building functioning properly. The assessment is scheduled to be complete in late Fall 2018.

Budget Unit: 420-99-063 **Priority:** 1
Budgeted Amount: \$5,000,000 **Location:** Various
Requesting Dept.: Public Works

PROJECT JUSTIFICATION

The 2017/18 Comprehensive Facility Condition and Use Assessments project includes a scope of work that will assess the condition of nearly every City owned facility. These assessments, depending on the selected buildings, may include but are not limited to:

<input type="checkbox"/> Health and life safety systems	<input type="checkbox"/> Seismic evaluation
<input type="checkbox"/> Mechanical, electric and plumbing evaluation	<input type="checkbox"/> ADA compliance
<input type="checkbox"/> Building envelope evaluation	<input type="checkbox"/> Energy use efficiency
<input type="checkbox"/> Space use efficiency	

Based on results of the assessment facility specific project recommendations will be identified, estimated and prioritized. This project provides a mechanism to initiate those recommendations.

OPERATING BUDGET IMPACTS:

As older equipment is replaced with energy efficient equipment and as building systems are upgraded significant savings are expected in both maintenance and energy costs.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
General Capital Improvement	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000
Subtotal	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$5,000,000

Creek Infall/Outfall Restoration



DESCRIPTION

Reconstruct existing drainage structures adjacent to 22001 Lindy Lane, 10545 Cordova Road and 21710 Regnart Road to prevent debris build-up, flooding and creek erosion during the rainy season.

Budget Unit:	420-99-064	Priority:	1
Budgeted Amount:	\$480,000	Location:	Various
Requesting Dept.:	Public Works		

PROJECT JUSTIFICATION

The existing drainage structures at these three locations are antiquated, poorly protected from floating debris making them susceptible to debris build-up, blockages and potential flooding. This project proposes to rebuild these structure with more effective debris capture devices and improve the outfall structures to reduce erosion and improve hydraulic conditions.

OPERATING BUDGET IMPACTS:

Unanticipated blockages during storm events require immediate attention to avoid potential flooding and costly repairs. The frequency of these occurrences increases with each storm event requiring a costly response by City Staff. This project proposes to reduce the likelihood of occurrence with improved facilities.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	160,000	160,000	160,000			\$480,000
Subtotal	160,000	160,000	160,000			\$480,000

De Anza Median Island Landscaping Phase II



DESCRIPTION

Design and construct replacement arbor, irrigation and plantings of street medians. This is the second phase of the program and covers the length of De Anza Boulevard between I-280 & Mariani Avenue.

Budget Unit: 420-99-065

Priority: 2

Budgeted Amount: \$1,546,500

Location: De Anza Blvd. between HWY 280 to Mariani Ave.

Requesting Dept.: Public Works

PROJECT JUSTIFICATION

Cupertino has many mounded median islands which are difficult to irrigate efficiently. Since the installation of many of the City's planted median islands, the approach to grading, planting, and maintaining them has changed as the desire to conserve resources has increased. Over that same time, irrigation products and systems have also improved efficiency. In addition, landscape plantings need to be replaced as they age out over time. Projects to renovate the median islands will refresh the plantings and improve the efficiency in the use of water and labor to maintain the systems.

OPERATING BUDGET IMPACTS:

This project will result in reduced water usage due to drought tolerant planting and more efficient irrigation system. New planting will reduce the need to refresh plantings in the near future which will result in a maintenance savings for the next 2-3 years.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	1,546,500					\$1,546,500
Subtotal	1,546,500					\$1,546,500

Lawrence-Mitty Park Master Plan



DESCRIPTION

Develop a Master Plan for a proposed neighborhood park located on several acres of land adjacent to Saratoga Creek, near the intersection of Lawrence Expressway and Mitty Way.

Budget Unit: 280-99-009 **Priority:** 2
Budgeted Amount: \$100,000 **Location:** Lawrence Expressway and Mitty Way
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

The City is under-served for parks and open space to meet the level of service goal of the City's General Plan. The east side of the City is particularly under-served. With the acquisition and annexation of the project the next step is to master plan the site to determine the best use for the site.

OPERATING BUDGET IMPACTS:

This project is not expected to impact Operating expenses.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Development In-Lieu Fees	100,000					\$100,000
Subtotal	100,000					\$100,000*

*-Budget for this master plan transferred from Lawrence-Mitty Park Budget Allocation

McClellan Ranch Preserve Community Garden Improvements – Construction



DESCRIPTION

Reconstruct the existing community garden based on the design developed in FY 2017-18. The project includes reconfiguration of the garden plots, improved ADA accessibility to and within the garden, installation of new perimeter fencing, irrigation distribution system and informal meeting area.

Budget Unit: 280-99-066 **Priority:** 2
Budgeted Amount: \$1,500,000 **Location:** McClellan Ranch Preserve
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

This project will implement the approved conceptual design for the McClellan Ranch Community Garden Improvements project. The goals of this project are to increase the number of garden plots thereby reducing the number of residents on the waiting list, improve ADA accessibility, improve the water distribution system throughout the garden, increase the aesthetics and sense of community and provide increased protection from non-beneficial wildlife.

OPERATING BUDGET IMPACTS:

An improved water distribution system should result in an overall water usage reduction. Improved fencing and more efficient garden configuration should reduce the need for additional pest control. Additional plots and a renewed emphasis on proactive management will require additional staff commitment. The staff time is included in the operating budget.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	575,000					\$575,000
Parkland Dedication Fund	925,000					\$925,000
Subtotal	1,500,000					\$1,500,000

McClellan Ranch Preserve EEC Aquatic Habitat Upgrade



DESCRIPTION

Construction of an outdoor aquatic habitat for turtles, fish and other species adjacent to the Environmental Education Center (EEC). This habitat will be used as an outdoor education center for schools visiting the EEC.

Budget Unit: 280-99-067 **Priority:** 1
Budgeted Amount: \$125,000 **Location:** McClellan Ranch Preserve
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

This project would create an outdoor habitat and classroom providing for a more natural environment for the turtles, fish, etc and more space to conduct classroom sized presentations. The facility would be ADA accessible, consistent with the McClellan Ranch environment and from other animals.

OPERATING BUDGET IMPACTS:

Care and operation of the aquatic habitat will be the responsibility of existing McClellan Ranch staff and supported by part-time staff. No additional staff is required. Maintenance of the pond pumps and filters would need to be cleaned and replaced periodically. Estimated annual expense is less than \$1,000 annually.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	125,000					\$125,000
Subtotal	125,000					\$125,000

Regnart Road Improvements



DESCRIPTION

Implement recommendations identified in the Regnart Road Slope Stability Study. Types of improvements include drainage improvements, road regrading/paving, erosion control protection and retaining wall repairs.

Budget Unit: 420-99-068
Budgeted Amount: \$750,000
Requesting Dept.: Public Works

Priority: 1
Location: Regnart Road

PROJECT JUSTIFICATION

This project continues the stabilization efforts along Regnart Road and compliments the 2017 Outfall Repair and Slope Stabilization project and the Retaining wall project. The 2017 Regnart Road Slope Stability Study identified several areas along Regnart Road that exhibit poor drainage characteristics, slope stability concerns that require partial road reconstruction in order to avoid costly road or slope failures and lengthy road closures. Proposed improvements include additional drainage structures, regrading/repaving the road to drain towards the creek, slope stabilization and erosion control measures.

OPERATING BUDGET IMPACTS:

This project should minimize or prevent costly emergency responses by maintenance crews resulting in a savings to the operating budget.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	150,000	150,000	150,000	150,000	150,000	\$750,000
Subtotal	150,000	150,000	150,000	150,000	150,000	\$750,000

School Walk Audit Implementation



DESCRIPTION

This project will construct infrastructure related improvements around schools that were identified as part of the comprehensive School Walk Audit study.

Budget Unit:	420-99-069	Priority:	1
Budgeted Amount:	\$1,250,000	Location:	Various
Requesting Dept.:	Public Works		

PROJECT JUSTIFICATION

One of the goals of the Pedestrian Master Plan is to increase pedestrian safety around schools. The primary goal of the School Walk Audit report is to increase pedestrian and bicycle safety around schools. This project will attempt to address both goals; enhance bike and/or pedestrian safety around schools, as well as potentially facilitating student drop-off and pick-up operations to help alleviate vehicle congestion around schools.

OPERATING BUDGET IMPACTS:

There are no known operating budget impacts associated with this project.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	250,000	250,000	250,000	250,000	250,000	\$1,250,000
Subtotal	250,000	250,000	250,000	250,000	250,000	\$1,250,000

Stevens Creek Blvd. and Bandley Dr. Signal Upgrades (Dev. Funded)



DESCRIPTION

Design and construct upgrades to the traffic signal at Bandley Dr. and Stevens Creek Blvd. Improvements include new conduit, wiring, traffic signal boxes, and two new signal heads.

Budget Unit: 420-99-070

Priority: 2

Budgeted Amount: \$150,000

Location: Stevens Creek Blvd. at Bandley

Requesting Dept.: Public Works

PROJECT JUSTIFICATION

This project will significantly enhance pedestrian safety and pedestrian connectivity across Stevens Creek Blvd within the Crossroads district by reducing pedestrian-vehicle conflicts. Vehicle safety will also be increased for vehicles exiting the Crossroads driveway and Bandley Drive.

OPERATING BUDGET IMPACTS:

This traffic signal is currently maintained and operated by City staff, no net increase to the operating budget is envisioned as a result of this project.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	124,342					\$124,342
Developer's In-Lieu Fee	25,658					\$25,658
Subtotal	150,000					\$150,000

Stevens Creek Boulevard Class IV Bikeway Installation Phase I (Dev. Funded)



DESCRIPTION

Design and construct a separated bikeway along Stevens Creek Blvd from the east end of the City to Wolfe Rd. Improvements include traffic signal modifications at Wolfe Rd, Finch Ave and Tantau Ave to provide separate bicycle phasing.

Budget Unit: 420-99-036 **Priority:** 1
Budgeted Amount: \$1,800,000 **Location:** Stevens Creek Blvd. – East City Limit to Wolfe Rd.
Requesting Dept.: Public Works

PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. The number one priority of the Plan was to provide a separated Class IV bicycle lane on Stevens Creek Blvd. This project is the first phase to address that priority.

OPERATING BUDGET IMPACTS:

It is anticipated that separated bike lanes will require additional maintenance to sweep bike lanes clean of debris. This cost will be in addition to normal street sweeping operations and will be included in FY 2019-20 Operating budget.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Developer's In-Lieu Fee	1,800,000					\$1,800,000
Subtotal	1,800,000					\$1,800,000

Storm Drain Master Plan Implementation



DESCRIPTION

Design and construct storm drain improvements at high priority locations identified in the updated Storm Drain Master Plan. The goal of the improvements is to minimize the potential for localized flooding of streets and private property.

Budget Unit:	210-99-071	Priority:	2
Budgeted Amount:	\$3,100,000	Location:	Various locations
Requesting Dept.:	Public Works		

PROJECT JUSTIFICATION

Completion of the Storm Drain Master Plan Update is anticipated in 2018, which will identify and prioritize storm drain improvement projects. A project to fund implementation of the initial priorities will be the next step to improve the City's storm drain system.

OPERATING BUDGET IMPACTS:

This project has no increase in operating budget expenses. A net savings may result over time if the potential for localized flooding is reduced requiring reduced storm related responses by maintenance staff.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Storm Drain Improvement Fund	1,500,000	400,000	400,000	400,000	400,000	\$3,100,000
Subtotal	1,500,000	400,000	400,000	400,000	400,000	\$3,100,000

Street Light Replacement – Citywide (Labor Only)



DESCRIPTION

Replace existing street lights in 55 locations throughout the City. This project will provide the labor to install and coordination with the utility companies to complete the replacement. The City will furnish the new poles.

Budget Unit: 420-99-072
Budgeted Amount: \$200,000
Requesting Dept.: Public Works

Priority: 1
Location: Various

PROJECT JUSTIFICATION

The City has purchased new street light poles to replace the existing fluted poles that no longer meet the City standard. City staff have already replaced 20 streetlights these remaining 55 locations have conflicts with overhead utilities and require expertise beyond in-house capabilities. This project will provide a mechanism to install the remaining poles.

OPERATING BUDGET IMPACTS:

This project will require City maintenance staff time to coordinate with the contractor and inspect the work. Staff time for this project is included in the FY 2018-19 operating budget.

FUNDING SOURCE

FUNDING SOURCE	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	200,000					\$200,000
Subtotal	200,000					\$200,000

**CATEGORY 2:
EXISTING PROJECTS – MULTI-YEAR
FUNDING**

ADA Improvements



DESCRIPTION

This is an ongoing program, funded annually, to improve accessibility at all public facilities throughout the City.

Budget Unit: 420-99-007
Budgeted Amount: \$620,000
Requesting Dept.: Public Works

Priority: 1
Location: Various Locations

PROJECT JUSTIFICATION

An update of the City's ADA Transition Plan was completed in April 2015. The plan identifies improvements needed and priorities to achieve compliance with ADA in public buildings, parks, and the public right of way.

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	245,000	75,000	75,000	75,000	75,000	75,000	\$620,000
Subtotal	245,000	75,000	75,000	75,000	75,000	75,000	\$620,000

Capital Project Support



DESCRIPTION

Funding for exceptional or unusual services that may occasionally be required in support of capital projects, so that such expenses may be accounted for and assigned to the project requiring the specific services.

Budget Unit: 420-99-048
Budgeted Amount: \$300,000
Requesting Dept.: Public Works

Priority: 1
Location: Various

PROJECT JUSTIFICATION

Budgeted capital projects that are in progress occasionally face unexpected management responses that require additional effort by staff or with contract resources. Examples of this are unusual legal or permit/regulatory issues. An annual appropriation will support timely responses to such needs and also allow the expenditures to be assigned to the specific projects.

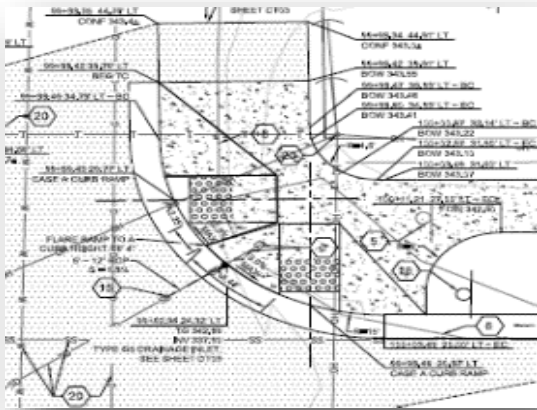
OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	50,000	50,000	50,000	50,000	50,000	50,000	\$300,000
Subtotal	50,000	50,000	50,000	50,000	50,000	50,000	\$300,000

CIP Preliminary Planning & Design



DESCRIPTION

Funding for preliminary planning, engineering and design services that are determined to be needed subsequent to the adoption of the CIP Budget. This action will provide the means for the acquisition of resources to respond to CIP initiatives in a timely way.

Budget Unit: 420-99-047
Budgeted Amount: \$750,000
Requesting Dept.: Public Works

Priority: 1
Location: Various

PROJECT JUSTIFICATION

Funding within the CIP operating budget for General Contract Services has been the source of funding for mid-year additions to the CIP project work program for planning. Such project focused expenditures could not later be assigned to the specific capital project for tracking. Shifting funding from the operating budget to the CIP for preliminary planning and design will provide resources for mid-year CIP initiatives.

OPERATING BUDGET IMPACTS:

Shifting funding from the operating budget to the CIP for preliminary planning and design will result in a decrease to the operating budget. This has been accounted for in the FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	125,000	125,000	125,000	125,000	125,000	125,000	\$750,000
Subtotal	125,000	125,000	125,000	125,000	125,000	125,000	\$750,000

Citywide Parks and Recreation Master Plan and CEQA Analysis



DESCRIPTION

Prepare a long-range, city-wide park and recreation system master plan. The planning process will include an evaluation of the recreation services, a needs assessment, and substantial outreach to the community. The master plan will provide guidance regarding recreation services needs as well as future renovations and capital needs for recreation facilities, including parks and open space.

Budget Unit: 420-99-045 **Priority:** 1
Budgeted Amount: \$600,000 **Location:** City Parks
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

The master plan will provide guidance and recommendations on how to meet the future demand for recreation services and programming, operations, and establish priorities for facility improvements and acquisitions. A comprehensive needs assessment and plan for recreation services will inform future capital improvements and operations for those services.

OPERATING BUDGET IMPACTS:

This project will use staff time for the management and development of the master plan, this time is included in the department's FY 2018-19 Operating Budget. Implementation of any specific recommendations will be a separate request and operating budget impacts will be assessed at that time.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	500,000	100,000					\$600,000
Subtotal	500,000	100,000					\$600,000

Service Center Shed No. 3 Improvements



DESCRIPTION

Design and construct a replacement for the existing Shed 3 to accommodate the landscape material and organic waste storage requirements, including durable walls and canopy and comply with current stormwater pollution prevention requirements.

Budget Unit: 420-99-034
Budgeted Amount: \$1,100,000
Requesting Dept.: Public Works

Priority: 1
Location: Service Center

PROJECT JUSTIFICATION

Currently, loose landscape materials and waste are stored at the Service Center in outdoor, covered, material storage bays at Shed No. 3. As part of the City's increasing waste diversion efforts, it now collects different types of organics from its sites to recycle, including food scraps. The existing material bays need to be reconfigured to accommodate the increasing demand for separate storage bays. This project was bid in January, 2018 and proposals exceeded the available budget. This proposal will augment the existing budget and allow for a redesign of the project to a more cost effective solution.

OPERATING BUDGET IMPACTS:

This project will increase waste diversion opportunities and create efficiencies in the collection process. It is anticipated that these efficiencies will result in a net zero increase in the FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	500,000	600,000					\$1,100,000
Subtotal	500,000	600,000					\$1,100,000

Sports Center – Upgrades



DESCRIPTION

Design and implement the following, as prioritized, as available funding permits: 1) renovate the second floor restrooms; 2) renovate the women’s locker room and shower; 3) renovate the men’s locker room and shower; 4) renovate the front lobby counter.

Budget Unit: 420-99-017 **Priority:** 1
Budgeted Amount: \$1,590,000 **Location:** Sports Center
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

The last major upgrades to the building were in 2004 and the facility is in need of some minor upgrades, due to wear-&-tear and weathering. These improvements will improve user experience and attract new users. Prior year funding authorized conversion of the east court lights to LED and installation of an electronic monument sign. This project will continue the modernization program and increase the attractiveness of the facility.

OPERATING BUDGET IMPACTS:

The Sports Center is requiring increased maintenance as the facility ages and improvements wear out. The renovation of these four areas will result in fewer maintenance calls and no net increase to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	760,000	830,000					\$1,590,000
Subtotal	760,000	830,000					\$1,590,000

Stevens Creek Corridor Park Chain Master Plan – McClellan to Stevens Creek Blvd.



DESCRIPTION

Study the various uses of public lands along Stevens Creek for optimal public use and operation. Properties to be included are McClellan Ranch Preserve, McClellan Ranch West, Blackberry Farm, Blackberry Farm Golf Course, Nathan Hall Tank House, and the Stocklmeir site. Reconcile the various plans for the different City properties into a comprehensive plan to inform future development and operations.

Budget Unit: 420-90-898 **Priority:** 1
Budgeted Amount: \$610,000 **Location:** Stevens Creek Corridor
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

The Plan was previously funded and a preferred alternative presented to City Council in April of 2016. The preferred alternative was not adopted with council seeking sufficient progress on the Parks & Recreation Master Plan first. The Parks and Recreation Master Plan is expected to be completed in late 2018 at which time the Corridor master plan will be revisited.

OPERATING BUDGET IMPACTS:

This project uses staff tome for the management of this Master Plan. The staff time for this project is included in the department’s FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018–19	2019–20	2020–21	2021–22	2022–23	TOTAL
Capital Improvement Fund	535,000	75,000					\$610,000
Subtotal	535,000	75,000					\$610,000

Street Light Installation – Annual Infill



DESCRIPTION

Design and install street lights on an as needed basis.

Budget Unit:	420-99-056	Priority:	1
Budgeted Amount:	\$180,000	Location:	Various
Requesting Dept.:	Public Works		

PROJECT JUSTIFICATION

There are areas of the city where street light spacing is insufficient to meet current standards for illumination. Several locations are identified annually for infill with one or two lights. An annual appropriation will allow these deficiencies to be readily addressed.

OPERATING BUDGET IMPACTS:

This project will use staff time for the installation of these lights. Additional annual energy costs will be extremely minor. Both of these costs are included in the department's FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS	2018-19	2019-20	2020-21	2021-22	2022-23	TOTAL
Capital Improvement Fund	30,000	30,000	30,000	30,000	30,000	30,000	\$180,000
Subtotal	30,000	30,000	30,000	30,000	30,000	30,000	\$180,000

**CATEGORY 3:
EXISTING PROJECTS –
COMPLETELY FUNDED
(TO BE CARRIED OVER)**

2016 Bike Plan Implementation



DESCRIPTION

Design and construct high priority improvements of the 2016 Bicycle Transportation Plan. The following projects are proposed to continue or begin in FY 2018-19:

- I-280 Channel Trail Feasibility Study (\$250,000)
- UPRR Trail Feasibility Study (\$250,000)
- Bicycle Wayfinding Program (\$60,000)
- Bicycle Blvds Implementation (\$1,417,000)
- McClellan Rd Bike Corridor (\$5,289,000)
 - Stelling Rd to Imperial Ave Separated Bike Lane
 - Signal/intersection improvements at Bubb and at Stelling
 - Stelling to Torre Separated Bike Lane
 - Imperial to Byrne Separated Bike Lane
 - Signal/intersection improvements at DeAnza Blvd
 - Regnart Creek Trail, Feasibility Study

Budget Unit: 420-99-036
Budgeted Amount: \$7,266,000
Requesting Dept.: Public Works

Priority: 1
Location: Various Locations

PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City.

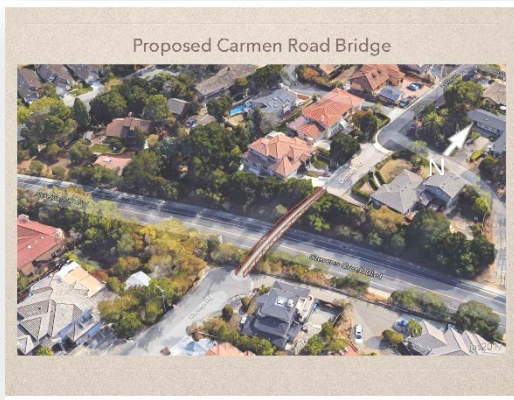
OPERATING BUDGET IMPACTS:

Additional maintenance costs are anticipated to maintain the separated bike lanes free of debris and to repaint the green bike lanes as necessary. Any extra costs are anticipated to be minor and will be included in the FY 2019-20 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	6,876,000
Developer In-Lieu	390,000
Subtotal	7,266,000

Carmen Road Pedestrian/Bike Bridge Study



DESCRIPTION

Prepare a feasibility study on ways to improve pedestrian and bicycle access across Stevens Creek Boulevard at Carmen Road.

Budget Unit: 420-99-036

Priority: 1

Budgeted Amount: \$100,000

Location: Carmen Rd. at Stevens
Creek Blvd

Requesting Dept.: Public Works

PROJECT JUSTIFICATION

Currently there is no access across Stevens Creek Boulevard for bicycles and pedestrians at Carmen Road. This feasibility study will identify and evaluate various concepts to create safe access for non-vehicular traffic.

OPERATING BUDGET IMPACTS:

This project will require staff time to manage the work. Staff time for this project is included in the FY 2018-19 operating budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	100,000
Subtotal	100,000

City Bridge Maintenance Repairs



DESCRIPTION

Design and construct bridge repairs recommended in the Caltrans Bridge Report along with additional improvements to prolong the useful life of the bridges.

Locations:

Stevens Creek Blvd., Homestead Rd and McClellan Rd. at Stevens Creek

Stevens Creek Blvd., Miller Ave. and Tantau Ave. at Calabazas Creek

Budget Unit: 270-90-960
Budgeted Amount: \$700,000
Requesting Dept.: Public Works

Priority: 1
Locations: Various See Description

PROJECT JUSTIFICATION

The City of Cupertino owns and maintains a total of seven vehicular bridges. Caltrans inspects these bridges and prepares a biennial report detailing the recommended repairs. Six of the seven bridges require rehabilitation. The required minor rehabilitation includes the repairs as recommended in the Caltrans Bridge Report as well as additional work to prolong the life and use of the bridges. Approximately 88% of the project costs are eligible for Federal reimbursement through Caltrans' Bridge Preventive Maintenance Program (BPMP).

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Transportation Fund	700,000
Subtotal	700,000

Inclusive Play Area - Planning



DESCRIPTION

This funding will be used to explore key project components such as suitable partnerships, siting considerations, cost data, and grant opportunities. An Inclusive Play Area will be addressed included in Citywide Parks, Open Space & Recreation Master Plan.

Budget Unit: 420-99-051 **Priority:** 1
Budgeted Amount: \$30,000 **Location:** TBD
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

Cupertino does not currently have an Inclusive Play area (the nearest ones are in Palo Alto and San Jose). Santa Clara County approved one-time matching funding of \$10M countywide for such facilities on Feb. 28, 2017. First round grant applications are anticipated this fall. This project will promote the city’s eligibility for grant funding for such a facility.

OPERATING BUDGET IMPACTS:

This a Planning study only there are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	30,000
Subtotal	30,000

Lawrence-Mitty Park



DESCRIPTION

Develop a neighborhood park on several acres of land adjacent to Saratoga Creek, near the intersection of Lawrence Expressway and Mitty, which is currently owned by the County and within the City of San Jose. Acquire the land, annex the land, design and construct the park.

Budget Unit:	280-99-009	Priority:	1
Budgeted Amount:	\$8,170,994	Location:	Lawrence Expy. and Mitty
Requesting Dept.:	Rec. and Comm. Services		

PROJECT JUSTIFICATION

The City is under-served for neighborhood parks to meet the level of service goal of the City's General Plan. The east side of the City is particularly under-served.

OPERATING BUDGET IMPACTS:

A new park will require additional operation and maintenance and will require an increase in the Operating Budget. The additional cost will depend on the type and size of the improvements and will be identified at time of award.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Park Dedication Fees	8,170,994
Subtotal	8,170,994

McClellan Ranch – Construct Trash Enclosure



DESCRIPTION

Screen the existing trash/debris boxes from McClellan Road. This would include a concrete pad for the boxes.

Budget Unit: 420-99-003 **Priority:** 1
Budgeted Amount: \$154,000 **Location:** McClellan Ranch Preserve
Requesting Dept.: Rec. and Comm. Services

PROJECT JUSTIFICATION

Currently the trash containers are in the open, visible from McClellan Road, and attract illegal dumping. Screening the trash containers will help discourage illegal dumping at McClellan Ranch Preserve.

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	154,000
Subtotal	154,000

McClellan Ranch West Parking Lot Improvement



DESCRIPTION

Design and construct a new “green” meadow-style parking lot that is compatible with the creek environment at McClellan Ranch West, which will be designed to have minimal impact to the site.

Budget Unit:	420-99-030	Priority:	1
Budgeted Amount:	\$950,000	Location:	McClellan Ranch West
Requesting Dept.:	Rec. and Comm. Services		

PROJECT JUSTIFICATION

The McClellan Ranch West site has been used informally for staff and overflow parking without a suitable, stable surface, and which is not available for use during wet weather due to mud. The opening of the Environmental Education Center in 2015 has increased the parking demand at McClellan Ranch Preserve. The removal of the Simms house on the McClellan Ranch West site advances the option to provide the additional parking that is needed by providing a suitable parking surface.

OPERATING BUDGET IMPACTS:

This project will formalize the existing use of this area. Minor impacts to the Operating budget are anticipated and are included in the FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	950,000
Subtotal	950,000

McClellan Road Sidewalk Improvements – Phase 2



DESCRIPTION

Design and construct sidewalk improvements along McClellan Road between Orange Avenue and San Leandro Avenue

Budget Unit: 270-90-976

Budgeted Amount: \$2,035,000

Priority: 1

Location: McClellan Rd. between Orange and San Leandro Avenues.

Requesting Dept.: Public Works

PROJECT JUSTIFICATION

In 2013, staff completed a feasibility study for the installation of sidewalks along McClellan Road between Orange Avenue and San Leandro Avenue. McClellan Road has a high volume of pedestrian traffic due to the close proximity of Lincoln Elementary School, Kennedy Middle School and Monta Vista High School, and there are large segments of McClellan Road which currently lack sidewalks. Phase 1 of this project, which installs sidewalks along the less challenging segments, is currently being implemented. Phase 2 will install sidewalks along the remaining segments, which involve challenges such as acquiring right-of-way, relocation of utilities, etc., and will be implemented over a two-year period.

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Transportation Fund	2,035,000
Subtotal	2,035,000

McClellan Rd. Sidewalk Installation – Rose Blossom Dr. to Hwy 85 Overcrossing



DESCRIPTION

Design and construct approximately 650 LF of sidewalk on the north side of McClellan between 85 and Rose Blossom.

Budget Unit: 420-99-057

Budgeted Amount: \$430,000

Priority: 1

Location: McClellan Rd. – Rose Blossom to Hwy 85 Overcrossing

Requesting Dept.: Public Works

PROJECT JUSTIFICATION

There is a sidewalk gap on the north side of McClellan Rd. between Rose Blossom and the Hwy 85 overcrossing, an active pedestrian area that is well used by students and other residents. Installing a sidewalk in this location will provide continuous access to and from local schools including De Anza College.

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	430,000
Subtotal	430,000

Memorial Park Master Plan & Parking Study



DESCRIPTION

Develop a master plan for the renovation Memorial Park and evaluate the parking needs for Memorial Park, Senior Center, Sports Center and the Quinlan Community Center. The project may result in a future renovation project.

Budget Unit:	420-99-005	Priority:	2
Budgeted Amount:	\$150,000	Location:	Memorial Park
Requesting Dept.:	Rec. and Comm. Services		

PROJECT JUSTIFICATION

A process to obtain community input and consensus will assist in formulating plans to renovate portions of the park including parking requirements and upgrades for surrounding facilities. This schedule for this Master Planning effort is subject to the completion of the Citywide Parks and Recreation System Master Plan.

OPERATING BUDGET IMPACTS:

This project will use staff time for the management and development of the master plan , this time is included in the department's FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	150,000
Subtotal	150,000

Recreation Facilities Monument Signs



DESCRIPTION

Design and construct new monument signs with lighting at the following locations:

- McClellan Ranch Preserve
- McClellan Ranch West
- Blackberry Farm
- Memorial Park
- Sports Center

Budget Unit:	420-99-031	Priority:	2
Budgeted Amount:	\$385,000	Location:	Various
Requesting Dept.:	Rec. and Comm. Services		

PROJECT JUSTIFICATION

The McClellan Ranch Preserve and Stevens Creek Corridor Signage Program was approved by Council in December 2014. The Signage Program prescribes a standardized and consistent look and feel for all signage along Stevens Creek.

The Signage Program provides a signage convention that can be applied to other recreation facilities in the city. The existing monument signs at several city facilities are outdated, worn, and in need of repair. This project will install new monument signs at five city facilities consistent with the Signage Program.

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	385,000
Subtotal	385,000

Retaining Road Improvements – Cordova Road



DESCRIPTION

Design and construct a project to replace the wood planks in the existing wall.

Budget Unit: 420-99-040

Priority: 1

Budgeted Amount: \$350,000

Location: West side of Cordova Road,
north of San Juan Road

Requesting Dept.: Public Works

PROJECT JUSTIFICATION

There is an existing wall along Cordova Rd. that retains soil adjacent to private property. The existing retaining wall is showing signs of deferred maintenance and potential premature failure. This project will replace the wood planks (ie lagging) in the wall and extend the useful life of the wall.

OPERATING BUDGET IMPACTS:

This project will use staff time for the management of this project. Staff time is included in the department's FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	350,000
Subtotal	350,000

Senior Center Repairs



DESCRIPTION

Design and construct a project to replace the ballroom acoustical panels.

Budget Unit: 420-99-059
Budgeted Amount: \$200,000
Requesting Dept.: Public Works

Priority: 2
Location: Senior Center

PROJECT JUSTIFICATION

The acoustical panels in the ballroom are showing wear and tear and need to be replaced to keep the facility looking and functioning well.

OPERATING BUDGET IMPACTS:

There are no anticipated impacts to the Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	200,000
Subtotal	200,000

Sidewalk Improvements – Orange & Byrne



DESCRIPTION

Acquire right-of-way as needed, design, and construct new sidewalks.

Budget Unit: 270-90-958
Budgeted Amount: \$3,888,000
Requesting Dept.: Public Works

Priority: 1
Location: Orange & Byrne

PROJECT JUSTIFICATION

The Monta Vista neighborhood was annexed to the City without having standard right-of-way improvements, including sidewalks. Adding sidewalks to the neighborhood will improve pedestrian safety.

OPERATING BUDGET IMPACTS:

This project will use staff time for the management of this project. Staff time is included in the department's FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Transportation Fund	3,888,000
Developer In-Lieu	34,495
Subtotal	3,888,000

Stevens Creek Bank Repair – South of SCB – Conceptual Design



DESCRIPTION

Prepare a conceptual design for repairs to creek banks that will protect property from further erosion and stabilize the bank, and is compatible with existing goals and requirements for the creek corridor.

Budget Unit:	420-99-014	Priority:	1
Budgeted Amount:	\$100,000	Location:	Stevens Creek South of Stevens Creek Boulevard
Requesting Dept.:	Rec. and Comm. Services		

PROJECT JUSTIFICATION

In 2014, the City purchased a residential parcel (Blesch) on Stevens Creek Boulevard that lies between the Stockmeir site and the Blackberry Farm Golf Course. The creek channel upstream of this parcel has been widened and restored. However this parcel, which is in the active floodway and subject to bank erosion, remains to be stabilized and restored. This parcel is targeted for improvements relating to the park and recreation purposes of the Stevens Creek Corridor. Its bank should be stabilized before such improvements move forward in order to protect the City's investment. A conceptual plan for improvement of the bank and channel will make the implementation of the project more eligible and attractive for potential grant funding.

OPERATING BUDGET IMPACTS:

This project will use staff time for the management of this project. Staff time is included in the department's FY 2018-19 Operating Budget.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	100,000
Subtotal	100,000

Street Light Installation – Randy Ln. & Larry Wy.



DESCRIPTION

Design and install street light installations to fill gaps in street light coverage.

Budget Unit: 420-99-058
Budgeted Amount: \$367,000
Requesting Dept.: Public Works

Priority: 1
Location: Randy Ln. & Larry Wy.

PROJECT JUSTIFICATION

Larry Way and Randy Lane both have gaps in street light coverage that exceed the City's street light spacing policy. Both streets have been designated semi-rural, which has resulted in a waiver of sidewalk installation, causing pedestrians to walk in the street. Additionally, Lawson Middle School is located immediately south of these streets with the associated student pedestrianism. Residents have requested additional lighting along these streets, and Public Works Staff finds that the additional lighting is warranted. This project will fill gaps in street light coverage along these streets in order to enhance safety.

OPERATING BUDGET IMPACTS:

This project will use staff time for the management of this project. Additional annual energy costs will be extremely minor. Both of these costs are included in the department's FY 2018-19 Operating Budget.

FUNDING SOURCE	PRIOR YEARS
Capital Improvement Fund	367,000
Subtotal	367,000

Street Median Irrigation & Plant Replacement (DeAnza Phase 1)



DESCRIPTION

Design and construct replacement irrigation and plantings of street medians.

Budget Unit:	270-90-961	Priority:	1
Budgeted Amount:	\$1,410,000	Location:	Various Locations
Requesting Dept.:	Public Works		

PROJECT JUSTIFICATION

Cupertino has many mounded median islands which are difficult to irrigate efficiently. Since the installation of many of the City's planted median islands, the approach to grading, planting, and maintaining them has changed as the desire to conserve resources has increased. Over that same time, irrigation products and systems have also improved efficiency. In addition, landscape plantings need to be replaced as they age out over time. Projects to renovate the median islands will refresh the plantings and improve the efficiency in the use of water and labor to maintain the systems.

OPERATING BUDGET IMPACTS:

This project will result in reduced water usage due to drought tolerant planting and more efficient irrigation system. New planting will reduce the need to refresh plantings in the near future which will result in a maintenance savings for the next 2-3 years.

FUNDING SOURCE

FUNDING SOURCE	PRIOR YEARS
Transportation Fund	1,410,000
Subtotal	1,410,000

**CATEGORY 4:
NEW & EXISTING PROJECTS –
UNFUNDED**

UNFUNDED PROJECTS LIST

PROJECT TITLE	DESCRIPTION
Blackberry Farm Entrance Road Improvements – Construction (New)	Construct new entrance road to Blackberry Farm to provide better access with ADA improvements.
Blackberry Farm - Golf Course Renovation	Initiate preliminary design effort to completely reconfigure and rebuild the existing golf course per the recommendations made by the National Golf Foundation, Inc. in their report dated December 2015. At a minimum, replace the existing irrigation system with a modern, water-efficient system and repurpose the pond areas. Evaluate reactivating the existing well at Blackberry Farm and providing connections to allow use of well water for irrigation.
Blackberry Farm – Play Area Improvements	Remove existing tan bark and replace with new resilient surfacing and install 3 par course type exercise stations.
Blackberry Farm - Splash Pad	Design and construct a splash pad of approximately 2000 square feet.
Carmen Road Pedestrian/Bike Bridge – Construction (New)	Design and construct a bridge for non-vehicular traffic at Carmen Road over Stevens Creek Blvd.
City Hall - Replacement	Design and construct a 40,000 SF new City Hall with underground parking.
Healing Garden –Design & Construction (New)	Design and construct a “healing garden” with the goal to provide a space to make people feel safe, less stressed and more comfortable while showcasing plants that have medicinal value.

Inclusive Play Area – Construction (New)	Design and Construct an Inclusive Play Area as identified in the feasibility study.
Jollyman Park Irrigation Upgrades	Evaluate and analyze the existing irrigation system at Jollyman Park, followed by design and construction of improvements.
Jollyman Park Pathway Installation	Design and construct a pathway around the southeastern field at Jollyman Park.
Junipero Serra Trail Implementation (NEW)	Design and construct a bikeway (formerly I-280 Channel Trail)
Library Expansion (NEW)	Design and construct a 4,416 sf addition to the Library following Option 4 “Perched Option” identified in the Civic Center Master Plan
McClellan Ranch – Barn Renovation	Design and construct improvements to renovate the barn into an educational and public space.
McClellan Ranch Preserve Stevens Creek Access	Design and construct an accessible access to the creek.
Memorial Park – Tennis Court Restroom Replacement	Evaluate options for providing a restroom in the vicinity of the tennis courts, by modification of the existing or replacement. Design and construct the restroom improvements.
Memorial Park Phase 1 - Design	Design and prepare construction documents and cost estimates for Phase 1 park improvements as recommended in the Memorial Park Master Plan & Parking Study. A conceptual plan for improvement of the park will make the implementation of the project more eligible and attractive for potential grant funding
Memorial Park Phase 1 - Construction	Construct Phase 1 improvements at Memorial Park.

Park Specific Renovation – Master Plan	Creekside Park Jollyman Park Linda Vista Park Wilson Park Varian Park
Park Specific Renovation – Design & Construction	Creekside Park Jollyman Park Linda Vista Park Wilson Park Varian Park
QCC Main Office/Service Counter Modifications – Construction (NEW)	Design and construct a new service counter to improve customer interaction and incorporate the new registration system.
Regnart Creek Trail Implementation (NEW)	Design and construct a multi-use (bike/ped) trail from the intersection of Torre/Pacifica approximately 2 miles along the creek maintenance road to East Estates Dr.
Service Center – Replacement Administration Building with EOC	Design and construction of a new administration building with an EOC.
Stevens Creek Boulevard Class IV Bikeway Installation – Phase II (NEW)	Design and construct a new Class IV separated bike lane from Wolfe Road to Hwy 85
Stevens Creek Boulevard Class IV Bikeway Installation – Phase III (NEW)	Design and construct a new Class IV separated bike lane from Hwy 85 to Foothill Boulevard
Stevens Creek Trail & Bridge over UPRR (NEW)	Acquire necessary easement, permits, and agreements, and design and construct a vehicle/pedestrian/bicycle bridge span over the UPRR right of way, adjacent to Stevens Creek Blvd. and near the Lehigh Cement Plant.
Stocklmeir House – New Sewer Lateral	Install a new sewer lateral to connect the Stocklmeir House to the City’s sanitary sewer main.
Stocklmeir Legacy Farm – Phase 1 Improvements	Develop a service program and master plan for a legacy farm park, and implement an initial improvement project.

**CATEGORY 5:
DEVELOPMENT IN LIEU PROJECTS
– NOT FULLY FUNDED**

De Anza Blvd./McClellan/Pacifica Signal Modification



DESCRIPTION

Reconfigure the intersection which may include relocating two signal mast arms and poles, related electrical, concrete and striping work, and the closing of the Pacifica street driveway to the gas station.

Priority: 2
Budgetary Estimate: \$ 600,000 **Fund Balance:** \$158,809
Location: DeAnza Blvd./McClellan/Pacifica Intersection

PROJECT JUSTIFICATION

Improve traffic flow and efficiency at this complex intersection.

STATUS

Project to be initiated upon the accumulation of sufficient Developer contributions or the addition of supplementary City funding.

Monument Gate Way Signs (4)



DESCRIPTION

Upgrade or replace three existing center island gateway signs, that announce one's entry into Cupertino, at 1) Stevens Creek Blvd near Tantau this one has been completed, 2) De Anza Blvd near I-280 overcrossing, 3) De Anza Blvd near Bollinger Road this one has been completed, and install a new center island gateway sign at Stevens Creek Blvd near the Oaks shopping center.

Priority:	2		
Budgetary Estimate:	\$ 75,000	Fund Balance:	\$25,859
Location:	Various Locations		

PROJECT JUSTIFICATION

Enhance the identity of the city.

STATUS

A sign was installed on De Anza Blvd. at Bollinger Rd. in FY 2017. Sign installations at other locations will be initiated upon the accumulation of sufficient Developer contributions or the addition of supplementary City funding.

North Stelling Rd./ I-280 Bridge Pedestrian Lighting & Upgrades



DESCRIPTION

Design and construct pedestrian-scaled lighting, paving materials, railings and/or repainting of the pedestrian facilities of the east or west side of the bridge.

Priority:	2		
Budgeted Amount:	\$100,000	Fund Balance:	\$48,578
Location:	North Stelling Rd. at I-280 overcrossing		

PROJECT JUSTIFICATION

Two developments contributed \$25,000 to the City for enhancements to the pedestrian walkway along the east or west side of the N. Stelling Road Bridge that crosses over Interstate 280, which is located south of the project sites. The City had a report prepared to analyze the existing lighting and provide recommendations to complete the project.

STATUS

Feasibility study completed and evaluating alternative in FY 2017-18.