

# CIP 2020

Capital Improvement Program (April 30<sup>th</sup> Continuation)

Proposed FY 2020

Planned FY 2021-2024

City Council May 13, 2019

Public Works Department – Roger Lee, Acting Director



**CUPERTINO**

# Presentation Outline

- Overview of CIP selection
- April 30<sup>th</sup> CIP study session
- Library expansion
- City Hall
- Recommended FY2020 new projects

# Overview of CIP Selection

- Organization of projects
  - Category 1 – 4 , Other
  - Master plan
- Prioritization of Projects
  - Health & safety ...
- Available dollars / staffing

# April 30<sup>th</sup> CIP Study Session

Comments received:

- Decouple Library Expansion and City Hall
- Compare library construction costs with other cities
- Provide more detail regarding seismic needs at existing City Hall
- Provide project information and budget needs beyond 5 & 10 years
- Community outreach



# Library Expansion

- \$10.05M project (includes parking) - allocation of \$5M
  - Comparable costs
  - Recommended project

## Comparable Costs - Library

- City of Morgan Hill
  - 6,500 square foot expansion
  - Estimated at \$492 per SF
  - Low bid at \$858 per SF
  - Re-scoped to 2,500 SF
    - Estimated at \$1,280 per SF

## Comparable Costs - Library

- City of Campbell
  - Renovate 24,000 SF; expand 6,000 SF
  - Expansion estimated at \$700 per SF
  - To be advertised in 2020-21

## Comparable Costs - Library

- Cupertino Library Expansion
  - 4,400 SF expansion
  - Estimated at \$1,932 per SF
- Comparisons
  - Morgan Hill at \$1,280 per SF
  - Campbell at \$700 per SF

# Recommended Project - Library

- Project 1 – Parking (\$1.5M)
  - Parking analysis: August 2019
  - Design Start: September/October 2019
  - Construction Start: November 2020
  - Construction Complete: May 2021
  - Outreach throughout

# Recommended Project - Library

- Project 2 – “Perched” option (\$8.55M)
  - Space Use & Programming Analysis: January 2020
  - Design Start: March 2020
  - Construction Start: May 2021
  - Construction Complete: June 2022
  - Outreach throughout

# City Hall

- Improvements discussed April 30<sup>th</sup>
  - New construction (\$70.5M)
  - Renovation (\$23M)
  - Seismic & accessibility (\$6.1M)



# Questions / Comments



# Recommended FY2020 New Projects

- Category 1 – 4 , Other

# Category 1- New Projects

Library Expansion – Surface Parking Lot	\$1,500,000
Library Expansion – “Perch” Option	\$8,550,000
Quinlan Preschool Shade Structure	\$ 125,000
Regnart Road Improvements Phase 1	\$1,150,000
Sports Center Seismic Retrofit	\$1,275,000
Total	\$12,600,000

## Library Expansion – Surface Parking Lot



### DESCRIPTION

Design and construct a single aisle, surface parking lot on the east side of Library Field with an estimated 68 parking stalls to meet additional parking needs of the Library Expansion and to satisfy parking deficiencies of the Civic Center.

**Estimated Project Cost:**      **\$1,500,000**

### PROJECT JUSTIFICATION

City Council approved the Civic Center Master Plan on July 7<sup>th</sup>, 2015, in the master plan the preferred option for an expansion to the Library was the “Perched” option. This expansion would be approximately 4,400 SF and accommodate 130 seats. Additional library parking is required to mitigate the impact of the proposed expansion.

## Library Expansion – “Perch” Option



### DESCRIPTION

Develop a design and construct an approx. 4,400 SF addition to the Library building for a “program room” that will seat up to 130 to serve as a meeting space for library events. Using the “Perch” option from the Civic Center Master Plan.

Estimated Project Cost:      \$8,550,000

### PROJECT JUSTIFICATION

City Council approved the Civic Center Master Plan on July 7<sup>th</sup>, 2015, in the master plan the preferred option for an expansion to the Library was the “Perched” option. This expansion would be approximately 4,400 SF and accommodate 130 seats. This expansion would provide alternative meeting space and program space for the library operator. This project includes extensive community outreach.

## Quinlan Preschool Shade Structure



### DESCRIPTION

Design and construct a new shade structure over the existing play area and sand box at the preschool.

Estimated Project Cost:    \$125,000

### PROJECT JUSTIFICATION

The current playground has a shade structure that is ineffective, leaving young preschool students in direct sunlight during use of the playground. The current shade structure is too small and sits squarely over the top of the playground, doing little to provide needed shade.

## Regnart Road Improvements Phase 1: Sta 28+40 to 29+80 (Retaining Wall)



### DESCRIPTION

Phase 1 will construct a retaining wall to stabilize the road slope to the creek from Sta 28+40 to 29+80 (approx. 140 LF).

**Estimated Project Cost:**      **\$1,150,000**

### 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 and retaining walls.

## Sports Center – Seismic Retrofit



### DESCRIPTION

Design and construct structural upgrades to the Sports Center for increased resiliency in the event of an earthquake.

**Estimated Project Cost:**      **\$1,275,000**

### PROJECT JUSTIFICATION

The Citywide Building Condition Assessment (BCA) identified several areas of concern with the Sports Center facility. Several structural deficiencies were identified that were deemed high priority. Based on the recommendations of the BCA this project will complete the following improvements:

- Additional shear walls added to each side of the building
- Concrete column reinforcement
- Reinforce the balcony frame in the walkways
- Reinforce the roofs structural capacity to reduce the vibration

## Category 2 – Existing Projects – Multi-Year Funding

ADA Improvements	\$ 80,000
Bicycle Wayfinding Implementation	\$ 65,000
Capital Project Support	\$ 50,000
CIP Preliminary Planning & Design	\$ 125,000
Street Light Installation – Annual Infill	\$ 30,000
TOTAL – Category 2	\$ 350,000



## ADA Improvements



### DESCRIPTION

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

**Estimated Project Cost:**      **\$450,000 (5-year)**  
**\$80,000 FY19/20, \$85,000 FY 20/21, \$90,000 FY**  
**21/22, \$95,000 FY 22/23, \$100,000 FY 23/24**

### 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. Funding level starts at \$80,000 in FY 2019-20 with planned increases of \$5,000 per year to a maximum of \$100,000 in FY2023-24.

## Bicycle Wayfinding Implementation



### DESCRIPTION

Implement to Bicycle Wayfinding Plan that recommends the location and messaging for the bicycle wayfinding signage.

**Estimated Project Cost:**    \$65,000

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies bicycle wayfinding improvement needed and priorities to enhance and promote safer bicycle transportation in the City. The Bicycle Wayfinding Plan was completed in 2018. This project will implement the recommendations included in the plan.

## 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.

**Estimated Project Cost: \$250,000 (5-year)  
\$50,000 annually**

### 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.

## CIP Preliminary Planning & Design



### DESCRIPTION

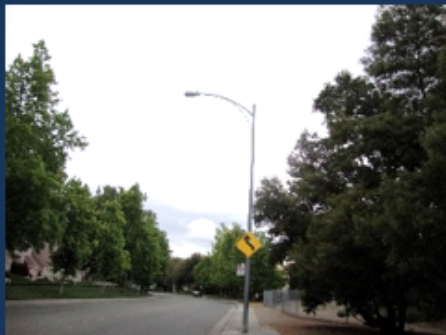
Funding for preliminary planning, engineering and design services that are determined to be needed subsequent to the adoption of the CIP Budget. This action will provide the means for the acquisition of resources to respond to CIP initiatives in a timely way.

**Estimated Project Cost: \$625,000 (5-year)**  
**\$125,000 annually**

### 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.

## Street Light Installation – Annual Infill



### DESCRIPTION

Design and install streetlights on an as needed basis.

**Budgeted Amount: \$150,000 (5-year)  
\$30,000 annually**

### 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.

## Category 4 – Projects with External Funding

All Inclusive Playground	\$5,500,000
Bubb Road Improvements	\$1,980,000
Junipera Serra Trail (basic design)	\$1,800,000
Linda Vista Trail (land donation)	\$2,200,000
Mary Ave. Protected Bikeway	\$ 165,000

## Category 4 – Projects with External Funding cont.

McClellan Rd Separated Bike Project	\$1,500,000
McClellan Rd Bike Corridor Phase 4	\$1,500,000
School Walk Audit Implementation	\$ 400,000
Solar EV Chargers	\$ 827,400
Total Category 4 - FY2019-20	\$15,872,400

## All Inclusive Playground



### DESCRIPTION

Design and construct an all-inclusive playground at Jollyman Park.

Estimated Project Cost:	\$5,500,000
Funding: Grant	\$1,448,000
Capital Improvement	\$1,200,000
Donations	\$2,852,000

### PROJECT JUSTIFICATION

Community input secured during the Parks & Recreation System Master Plan process favors having an All-Inclusive play area in Cupertino. In October 2018, the City Council unanimously endorsed applying for grant funding from Santa Clara County for an All-Inclusive Playground at Jollyman Park. In December the City was notified that they were awarded a \$1.448M grant for construction. This playground will replace the existing playground.



## Solar Electric Vehicle Chargers



### DESCRIPTION

Installation of 30 solar powered electric vehicle chargers at four City facilities throughout the City:

- Quinlan Community Center – 6
- Blackberry Farm – 12
- Sports Center – 6
- Monta Vista Recreation Center – 6

Estimated Project Cost: \$827,400

Funding: BAAQMD Grant: \$106,000 SVCE Grant: \$100,000

### PROJECT JUSTIFICATION

The number of electric vehicles, community adoption rates for electric vehicles are steadily increasing. Additionally, City Staff are also purchasing electric vehicles to get to work within the City, and many staff need to charge once they get here. The need for infrastructure that meets this need is that we need more electric vehicle charging stations at our public facilities. This project will also provide solar electricity to charge the EV chargers, so demand will not be diverted from the needs our buildings. Also, when vehicles are not charging, the solar electricity will feed back to the building helping to reduce load and demand charges during the day. This project is grant eligible from two sources. The minimum eligible amount from Bay Area Air Quality Management District (BAAQMD) is \$106,000 and from Silicon Valley Clean Energy (SVCE) Innovation grant is \$100,000 applied to the Monta Vista Recreation Center site.



# Questions

## Bubb Road Improvements



### DESCRIPTION

Installation of protected bike lanes, sidewalks, a new crosswalk with a pedestrian refuge median island and pedestrian activated flashing beacons and revised lane striping.

**Estimated Project Cost:**     \$1,980,000

**Funding:** Apple Donation             \$1,980,000

### PROJECT JUSTIFICATION

Apple has offered the City funds to complete these pedestrian and bicycle improvements in order to enhance safety along the section of Bubb Road, between the UPRR Railroad Tracks and Stevens Creek Blvd. Improvements to this section of Bubb Road are included in the Bicycle Transportation Plan.

## Junipera Serra Trail – Basic Design of All Segments



### DESCRIPTION

Basic design for all segments from the Don Burnett Bicycle-Pedestrian Bridge and Vallco Parkway.

**Estimated Project Cost**      \$1,800,000

**Funding: Apple Donation**    \$1,800,000

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. The Junipero Serra Trail is one of the trail segments that would make up “The Loop” to provide an off-street bicycle and pedestrian facility that runs parallel to the existing Junipero Serra Channel and Calabazas Creek and would provide a connection between the Don Burnett Bicycle – Pedestrian Bridge and Vallco Parkway when all the sections are completed. This project would fund the basic design of all segments from the Don Burnett Bicycle-Pedestrian Bridge to Vallco Parkway for future construction projects.

### **Linda Vista Trail (Land donation if we commit to construct)**



#### **DESCRIPTION**

Design and construct a bicycle pedestrian trail between Linda Vista Park and McClellan Road.

**Estimated Project Cost:**    \$2,200,000

#### **PROJECT JUSTIFICATION**

Creates connections envisioned within the General Plan, the Bicycle Transportation Plan, the Pedestrian Master Plan and the Stevens Creek Trail Feasibility Study. Additionally, the land is owned by a private individual who is willing to dedicate the land to the City free of charge if the project can be designed and funded by the end of 2019.

## Mary Avenue Protected Bikeways



### DESCRIPTION

Design and construct a protected bikeway from Stevens Creek Blvd. to the Don Burnett Bicycle-Pedestrian Bridge.

Estimated Project Cost: \$165,000

Funding: Apple Donation \$165,000

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. This project would fund the installation of a protected bikeway (painted bike buffer with delineators) from Stevens Creek Blvd. to the Don Burnett Bicycle-Pedestrian Bridge to complete a project included in the 2016 Bicycle Transportation Plan.

## McClellan Rd. Bike Corridor Phase 3-Signal Intersection Improvements @ DeAnza/Pacifica



### DESCRIPTION

Improves pedestrian and bicycle safety by realigning the intersection and reconfiguring the vehicle movements. Improvements include relocating two signal mast arms and poles, related electrical, concrete and striping work, and elimination of the free right turn lanes from eastbound McClellan Road and westbound Pacifica Drive

**Estimated Project Cost:**     \$1,500,000

**Funding: Apple Donation**         \$1,500,000

### PROJECT JUSTIFICATION

Improve traffic flow, efficiency and bicycle safety at this complex intersection.

## McClellan Rd. Bike Corridor Phase 4- Imperial to Byrne Separated Bike Lane



### DESCRIPTION

Design and construct separated bike lanes on McClellan Rd. from Imperial Ave to Byrne Ave.

Estimated Project Cost: \$1,500,000

Funding: Apple Donation \$1,500,000

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. This project is the last phase of a four phase program that installed separated bikeway on McClellan Road.



## 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.

**Estimated Project Cost:** \$1,200,000 (3-year)  
\$ 400,000 annually

**Funding:** Apple Donation \$1,200,000

### 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.



# Other Unfunded Projects

## Aquatics Facility



### DESCRIPTION

Design and construct a facility that would provide year-round swimming, designed for recreation and instructional swimming, aquatic exercise, lap swimming and pool events.

**Estimated Project Cost:**    \$ 50,000,000

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April, 2019. The master plan included recommendations for the adding of new major facilities to meet community needs at existing park, and a year-round aquatic facility was one of the major new facilities identified. One of the goals was to provide a year-round swimming facility, designed for recreation and instructional swimming, aquatic exercise, lap swimming and pool events. Potential sites identified were: Memorial Park, Creekside Park, Jollyman Park, Wilson Park, new site or Public-private partnership.

## Bicycle Plan Implementation Phase 2: SCB – Wolfe Rd to Hwy 85



### DESCRIPTION

Design and construct a separated bikeway along Stevens Creek Blvd from Wolfe Rd. to HWY 85.

**Estimated Project Cost:**      **\$1,900,000**

### 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 second phase of a multi-phase program to address that priority.

### Bicycle Plan Implementation Phase 3: SCB – Hwy 85 to Foothill Expwy



#### DESCRIPTION

Design and construct a separated bikeway along Stevens Creek Blvd from HWY 85 to Foothill Expwy.

Estimated Project Cost:      \$2,000,000

#### 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 third phase to address that priority.

## Bicycle Plan Implementation Phase 4: Stevens Creek Blvd @ Stelling Rd



### DESCRIPTION

Design and construct enhanced bike routes (Class III shared bike lanes) that provide neighborhood friendly alternatives parallel to bike network options of major City streets.

**Estimated Project Cost:**      **\$825,000**

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. This bike boulevard network supports families and young students wanting to reach schools, parks, and community amenities on quiet streets with low traffic volumes.

## Bicycle Plan Implementation Phase 5: Grade Separated Crossing Study – Grand Ave to Mary Ave



### DESCRIPTION

Design and construct enhanced bike routes (Class III shared bike lanes) that provide neighborhood friendly alternatives parallel to bike network options of major City streets.

**Estimated Project Cost:**      **\$450,000**

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. This bike boulevard network supports families and young students wanting to reach schools, parks, and community amenities on quiet streets with low traffic volumes.

## Blackberry Farm Entrance Road Improvements



### DESCRIPTION

Design and construct a pedestrian, bicycle and vehicle access to Blackberry Park Farm and Stevens Creek Corridor Trail.

Estimated Project Cost:      \$5,500,000\*

**\*Program Level estimate only, actual cost will vary depending on option selected.**

### PROJECT JUSTIFICATION

Current access to Blackberry Farm for bicycles, pedestrians and vehicles is a narrow access road shared by all three groups. This project will fund the design and construction of the preferred alternative identified in the feasibility study.



## Blackberry Farm Golf Course Renovation



### DESCRIPTION

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 repair the two existing ponds. Pursue reactivating the existing well at Blackberry Farm.

**Estimated Project Cost:    \$ 1,450,000**

### PROJECT JUSTIFICATION

The current irrigation system, installed in the 1960s, is functionally outdated and failing due to age, which results in an excessive use of water and labor to maintain the system. The increasing retail cost of water exacerbates the operational inefficiency. Existing ponds no longer hold water.

## Blackberry Farm – Play Area Improvements



### DESCRIPTION

Remove existing tan bark and replace with new resilient surfacing and install 3 par course type exercise stations.

**Estimated Project Cost:**    \$250,000

### PROJECT JUSTIFICATION

The Captain Stevens play area could be enhanced by adding a more reliable and stable resilient play surface beneath the play equipment and by adding exercise stations adjacent to the play area that would provide for a multi-generational activity.

## Blackberry Farm – Splash Pad



### DESCRIPTION

Design and construct a splash pad of approximately 2000 square feet.

**Estimated Project Cost: \$690,000**

### PROJECT JUSTIFICATION

Blackberry Farm currently provides aquatic amenities for children and adults, but doesn't have an element to serve very young children and toddlers. Adding an element that will serve the youngest family members will enhance the attraction of the facility for families with children of various ages.

## Bicycle Boulevard Phase 1 & 2 Permanent Improvements



### DESCRIPTION

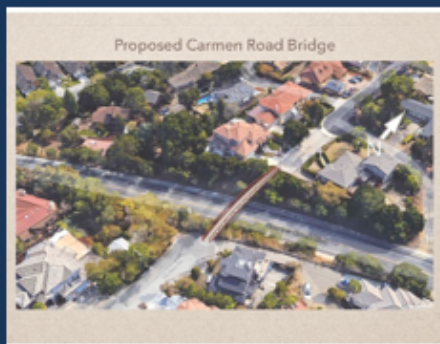
Remove the existing low-cost Bike Boulevard Improvements installed under Phase 1 & 2 with permanent, lower maintenance improvements. enhanced bike routes (Class III shared bike lanes) that provide neighborhood friendly alternatives parallel to bike network options of major City streets.

Estimated Project Cost:      **\$3,154,000**

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. This bike boulevard network supports families and young students wanting to reach schools, parks, and community amenities on quiet streets with low traffic volumes. This project will replace the existing low-cost, pilot program improvements with a more permanent, more aesthetically pleasing improvements.

## Carmen Road Pedestrian/Bike Bridge



### DESCRIPTION

Design and Construct a pedestrian bridge across Stevens Creek Blvd. for bicycles and pedestrians at Carmen Rd. as identified in the feasibility study.

**Budgeted Amount:** \$3,100,000

### PROJECT JUSTIFICATION

Currently there is no access across Stevens Creek Boulevard for bicycles and pedestrians at Carmen Road. Staff is working on the feasibility study that will identify and evaluate various concepts to create safe access for non-vehicular traffic. Once the feasibility study is completed and City Council has accepted it this project will complete the final design and construction.

## Citywide Building Condition Assessment Implementation Phase 2



### DESCRIPTION

Implement recommendations at the Senior Center, Monta Vista Recreation Center and Service Center (Administration and Mechanics shops) identified as a priority in the Comprehensive Facility Condition and Use Assessment.

**Estimated Project Cost:**      **\$2,169,000**

### PROJECT JUSTIFICATION

The 2017/18 Comprehensive Facility Condition and Use Assessments project assessed the condition of nearly every City owned facility. Senior Center, Monta Vista Recreation Center and Service Center (Administration and Mechanics shops) were identified as high priority facilities with significant deficiencies that need to be addressed to avoid costly repairs and extended service interruptions.

### Citywide Building Condition Assessment Implementation Phase 3



#### DESCRIPTION

Implement recommendations at the Quinlan Community Center, Sports Center, Senior Center, Monta Vista Recreation Center, Blackberry Farm McClellan Ranch and Service Center (Welding shops) identified as a priority in the Comprehensive Facility Condition and Use Assessment.

**Estimated Project Cost:**      **\$1,637,209**

#### 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:

◆ Health and life safety systems	◆ Seismic evaluation
◆ Mechanical, electric and plumbing evaluation	◆ ADA compliance
◆ Building envelope evaluation	◆ Energy use efficiency
◆ 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.

## Citywide Building Condition Assessment Implementation Phase 4



### DESCRIPTION

The fourth Phase of a multiphase program to implement recommendations identified in the 2017/18 Comprehensive Facility Condition and Use Assessment. Facilities included in this phase include Quinlan Community Center, Sports Center, Senior Center, Monta Vista Recreation Center, Blackberry Farm McClellan Ranch and Service Center (Welding & Mechanics shops), Memorial Park, Traffic Center and Kennedy Sports Field.

**Estimated Project Cost:** \$11,706,626

### 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:

◆ Health and life safety systems	◆ Seismic evaluation
◆ Mechanical, electric and plumbing evaluation	◆ ADA compliance
◆ Building envelope evaluation	◆ Energy use efficiency
◆ 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.



## Citywide Building Condition Assessment Implementation Phase 5



### DESCRIPTION

The third Phase of a multiphase program to 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.

**Estimated Project Cost:** \$17,836,491

### 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:

• Health and life safety systems	• Seismic evaluation
• Mechanical, electric and plumbing evaluation	• ADA compliance
• Building envelope evaluation	• Energy use efficiency
• 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.

## 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.

**Budgeted Amount:**            **\$480,000**

### 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.

## Creekside Park Improvements



### DESCRIPTION

Identify improvements for the existing Creekside Park, design and construct those improvements

**Estimated Project Cost: Design = \$100,000**  
**Construction: \$750,000**

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April 2019. The master plan recommended renovating the site as a neighborhood recreation and sports hub. The short-term goals were to sustain existing park uses and evaluate long-term opportunities to expand the recreation building and reactivate or repurpose the concession area. The long term goals were as follows: coordinate with Public Works to implement recreation building recommendations; develop site master plan and evaluate options to increase sports playing capacity; consider artificial turf sport fields; add full basketball court if space allows; add nature play elements to existing play area; provide trailhead amenities; connect via trails and bike lane network to Cupertino High, Wilson Park and Civic Center/Library.

## De Anza Median Island Landscaping Phase II - Construction



### 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.

**Estimated Project Cost: \$1,546,500**

### 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.

## Gymnasium Complex



### DESCRIPTION

Design and construct Gymnasium Complex that would provide a multi-generational gymnasium complex and recreation center to provide sports courts spaces and support other activities

**Estimated Project Cost:**    \$35,000,000

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April, 2019. The master plan included recommendations for the adding of new major facilities to meet community needs at existing park, and a Gymnasium Complex and Multi-Use Recreation Center was identified as one of these facilities. The Gymnasium Complex would provide a multi-generational gymnasium complex and recreation center to provide sports courts spaces and support other activities. Potential locations identified were as follows: Memorial Park, Creekside Park, Jollyman Park, Wilson Park, New site or Public-private partnership or Joint use facility.

## Healing Garden – Design and Construction



### DESCRIPTION

Design and construct a tranquil, relaxing garden to promote positive outcomes, including stress reduction, are derived through both passive and active nature connection. A “therapeutic garden,” is a garden where physical, occupational, horticultural, and other therapies take place. A “restorative landscape” is any landscape—wild or designed, large or small—that facilitates human health and well-being.

**Estimated Project Cost:**    \$1,000,000

### PROJECT JUSTIFICATION

This project promotes the therapeutic benefits of the garden. Access to nature promotes health through reduction in stress, depression, myopia, pain, fatigue, aggression, impulsivity, and symptoms of Attention Deficit Hyperactivity Disorder (ADHD); and improvement in immune function, bone strength, wound healing, cognition, concentration, emotional resilience, empathy, vitality, relaxation, mood, and satisfaction.

## Jollyman Park Improvements



### DESCRIPTION

Identify improvements for the existing Jollyman Park, design and construct those improvements

**Estimated Project Cost: Design - \$100,000**  
**Construction - \$750,000**

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April 2019. The master plan included recommendations for Jollyman Park. The master plan recommended renovating the site as a neighborhood and community hub for recreation programs, activities and sports. The short term goals were as follows: sustain existing park uses; consider adding an all-inclusive, destination play area; add a picnic shelter and group seating; provide all-weather loop path; add neighborhood-serving event infrastructure and utilities. The long term goals were as follows: consider adding diverse amenities, such as outdoor fitness equipment/par course or full size basketball court; consider development of other new facilities; provide inviting connection to bikeway

## Jollyman Park Pathway Installation



### DESCRIPTION

Design and construct a pathway around the southeastern field at Jollyman Park.

**Estimated Project Cost:**      **\$750,000**

### PROJECT JUSTIFICATION

Currently many visitors to this park walk a circuit around the edges of the southeastern ballfield. Installing a paved path will provide a more stable surface for this activity, greatly increasing the paved walking circuit within the park.



### Junipera Serra Trail Segment #3: Construction of Wolfe Rd. to Vallco Pkwy



#### DESCRIPTION

Final design and construction of Segment #3 from Wolfe Rd. to Vallco Pkwy.

**Estimated Project Cost:**      \$1,800,000

#### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. The Junipero Serra Trail is one of the trail segments that would make up "The Loop" to provide an off-street bicycle and pedestrian facility that runs parallel to the existing Junipero Serra Channel and Calabazas Creek and would provide a connection between the Don Burnett Bicycle – Pedestrian Bridge and Vallco Parkway when all the sections are completed. Segment #3 - Wolfe Rd. to Vallco Parkway is the first phase of a multi-phase program and is estimated to be the lowest cost segment to construct.

## Junipera Serra Trail Segment #2: De Anza Blvd to Wolfe Rd.



### DESCRIPTION

Final design and construction of Segment #2 from De Anza Blvd to Wolfe Rd. including a tunnel at De Anza)

**Estimated Project Cost: Design - \$2,600,000**  
**Construction - \$22,200,000**

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. The Junipero Serra Trail is one of the trail segments that would make up "The Loop" to provide an off-street bicycle and pedestrian facility that runs parallel to the existing Junipero Serra Channel and Calabazas Creek and would provide a connection between the Don Burnett Bicycle – Pedestrian Bridge and Vallco Parkway when all the sections are completed. Segment #2 – De Anza Blvd to Wolfe Rd. is the second phase of a multi-phase program and is considered to be the highest cost segment to construct if a tunnel under De Anza Blvd is included.

## Junipera Serra Trail Segment #1: Don Burnett Bridge to De Anza Blvd.



### DESCRIPTION

Construction of Segment #1 from Don Burnett Bridge to De Anza Blvd.

**Estimated Project Cost:**    \$3,500,000

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvement needed and priorities to enhance and promote safer bicycle transportation in the City. The Junipero Serra Trail is one of the trail segments that would make up "The Loop" to provide an off-street bicycle and pedestrian facility that runs parallel to the existing Junipero Serra Channel and Calabazas Creek and would provide a connection between the Don Burnett Bicycle – Pedestrian Bridge and Vallco Parkway when all the sections are completed. This project will construct Segment #1 from Don Burnett Bicycle-Pedestrian Bridge to De Anza Blvd.

## Linda Vista Park Improvements



### DESCRIPTION

Identify improvements for the existing Linda Vista Park, design and construct those improvements

**Estimated Project Cost:** Design - \$100,000  
Construction - \$750,000

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April 2019. The master plan included recommendations for Linda Vista Park. The master plan recommended renovating the site as a neighborhood and community hub for recreation programs, activities and sports. The short-term goals were as follows: sustain existing park uses; consider adding; add a picnic shelter and group seating; provide all-weather loop path; add neighborhood-serving event infrastructure and utilities. The long-term goals were as follows: consider adding diverse amenities, such as outdoor fitness equipment/par course or full size basketball court; consider development of other new facilities; provide inviting connection to bikeway and reconstructing the fountains. This project would construct improvements as specified in the Linda Vista Park Development Plan.

## Mary Avenue Trail and Greenbelt



### DESCRIPTION

Create a linear park-like greenbelt with separated bikeway and pedestrian path.

Improvements include use of pervious pavement, PCB reduction by use of bioswale, infiltration

**Estimated Project Cost:**    \$6,170,000

### PROJECT JUSTIFICATION

This project is considered a top tier, Tier One priority in the Pedestrian Transportation Plan adopted in February 2018. This would be the City's first complete or green street and would show progress toward meeting Municipal Regional Stormwater NPDES permit requirements.

## McClellan Ranch – Construct Trash Enclosure (Design Complete)



### DESCRIPTION

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

**Estimated Project Cost:    \$100,000**

### 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.

## McClellan Ranch – Barn Renovation



### DESCRIPTION

Design and construct improvements to renovate the barn into an educational and public space.

**Estimated Project Cost:    \$3,250,000**

### PROJECT JUSTIFICATION

In 2012, an update to the 1993 master plan for the McClellan Ranch was completed, which lays out priorities for implementing programs and the related improvements at the park. In the FY 2013 budget, Council approved funding for the barn to be evaluated historically and structurally and for a conceptual renovation plan to be developed to meet the goals for the barn as listed in the master plan. The outcome of this project produced a conceptual renovation plan for the barn to be used for education and as an agricultural exhibit space open to the public.



## McClellan Ranch Preserve Stevens Creek Access



### DESCRIPTION

Design and construct an accessible access to the creek.

**Estimated Project Cost:**      **\$750,000**

### PROJECT JUSTIFICATION

Design and construct an accessible access to the creek along Stevens Creek in McClellan Ranch Preserve to be able to offer as a learning experience.



## McClellan Road Bridge Replacement @ Stevens Creek



### DESCRIPTION

Design and construct a replacement bridge on McClellan Rd. over Stevens Creek.

**Estimated Project Cost:** \$6,000,000

**Funding: SB 1 Eligible** \$4,800,000

### PROJECT JUSTIFICATION

This bridge provides a critical east-west transportation link for Cupertino residents. Constructed in 1920 and widened in 1976, the structural capacity and seismic resiliency of this bridge is unknown. As a precautionary measure, weight restrictions have been applied to this bridge. Replacement of this bridge would provide numerous benefits including increased structural strength, seismic resiliency, potential widening and realignment and the opportunity to provide a pedestrian / bicycle crossing under McClellan Road thereby increasing overall safety at this location. This project is eligible for SB 1 funding.

## Memorial Park – Tennis Court Restroom Replacement



### DESCRIPTION

Design and construct a new restroom.

Estimated Project Cost: \$625,000

### PROJECT JUSTIFICATION

The public restroom near the Memorial Park Tennis Courts needs upgrading for improved performance and to improve accessibility.

## Memorial Park Phase 1 – Pond Removal



### DESCRIPTION

This project will remove of the existing concrete pond and return the site to a naturalized state.

**Estimated Project Cost:**      **\$1,500,000**

### PROJECT JUSTIFICATION

The existing concrete liner is in poor condition with numerous cracks that resulted in significant water loss. Due to this condition and drought restrictions the City drained the ponds in 2013 and has not refilled them. Reconstruction of the ponds is not cost effective and empty ponds pose a potential safety hazard. This project would remove the ponds and prepare the site for future development as identified through the Memorial Park Master Plan.

## Memorial Park Phase 2 Improvements



### DESCRIPTION

Design and construct Memorial Park Phase 2 improvement as shown in the Memorial Park Master Plan & Parking Study.

**Estimated Project Cost: Design - \$350,00**  
**Construction - \$2,500,000**

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April 2019. The master plan included recommendations for Memorial Park. The master plan recommended enhancing the site as a community hub and multi-use civic-focused event space. In FY2018 CIP, the Memorial Park Master Plan & Parking Study was funded.

## Memorial Park Phase 3 Improvements



### DESCRIPTION

Construct Memorial Park Phase 3 improvement as shown in the Memorial Park Master Plan & Parking Study.

**Estimated Project Cost: Design - \$350,000**

**Construction - \$2,425,000**

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April 2019. The master plan included recommendations for Memorial Park. The master plan recommended enhancing the site as a community hub and multi-use civic-focused event space. In FY2018 CIP, the Memorial Park Master Plan & Parking Study was funded.

## 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

**Estimated Project Cost:    \$1,500,000**

### 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.

## McClellan Ranch Preserve EEC Aquatic Habitat



### 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.

**Estimated Project Cost:** 175,000

### 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.

## + New Neighborhood Parks



### DESCRIPTION

Identify sites and develop a procurement plan to meet the recommendations in the master plan. Acquire and develop new neighborhood parks in accordance with the Master Plan

**Estimated Project Cost:** Design - \$150,000  
Land Acquisition & Construction - \$20,000,000 (\$4,000,000 annually)

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April 2019. The master plan included recommendations for the adding of new major facilities to meet community needs at existing park, and new acquisitions. The Master plan recommended the City look for opportunities should they arise, acquire and develop new neighborhood parks in targeted underserved areas was recommended. Potential area locations include new acquisition in north and east Cupertino, joint-use sites at schools and public-private partnerships. This project will provide a funding mechanism to identify and acquire new park/open space.



## Performing Arts Center



### DESCRIPTION

Design and construct a Performing Arts Center to include a community auditorium or fine and performing arts center to house community-scale performances and support daytime art and recreation programs as well as evening programs.

**Estimated Project Cost:** \$77,000,000

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April, 2019. The master plan included recommendations for the adding of new major facilities to meet community needs at existing park, and a Performing & Fine Arts Center was identified as one of these facilities. The Performing Arts Center would provide for a community auditorium or fine and performing arts center to house community-scale performances and support daytime arts and recreation programs as well as evening programs. The Master Plan identified the following potential locations: Memorial Park, Civic Center/Library Field, New Site, Public-private partnership or other/repurpose building or a joint use facility.

## Portal Park Improvements



### DESCRIPTION

Design and construct improvements identified in the Portal Park Development Plan.

**Estimated Project Cost: Design - \$75,000**  
**Construction - \$750,000**

### PROJECT JUSTIFICATION

Portal Park has some facilities from the original construction in the 1960s that can no longer be used as intended. Areas of the park are underutilized for this reason. A process to obtain community input and consensus will inform plans to renovate portions of the park. Once identified the improvements will be designed and constructed through an additional appropriation.

## Quinlan Front Office Upgrades



### DESCRIPTION

Design and construct improvement to the front office to accommodate operational changes and provide better customer service.

**Estimated Project Cost:**    \$700,000

### PROJECT JUSTIFICATION

The new registration system comes with improvements that create a need for staff to be sitting at the customer counter. PCI compliance has created a need for more storage in the office.

Project would include a complete reconfiguration of the front office to allow for better customer service and new program needs.

## Quinlan HVAC Upgrades



### DESCRIPTION

Design and construct a multi-zone HVAC system upgrade.

**Estimated Project Cost:**    \$1,000,000

### PROJECT JUSTIFICATION

The HVAC system at Quinlan is original with the building in 1990. Temperature does not stay regulated throughout the building. The temperature does not stay regulated day to day. Public Works has looked at the unit and the temperature issues over and over to no avail. Building temperatures are either too cool or too warm, are not consistent within a single conditioned area, and are not efficient.

## Recreation Facilities Monument Signs



### DESCRIPTION

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

McClellan Ranch Preserve  
McClellan Ranch West

**Estimated Project Cost:    \$200,000**

### 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 McClellan Ranch Preserve and McClellan Ranch West.

## Regnart Road Improvements Phase 2: Sta 36+30 to 36+80 (Retaining Wall)



### DESCRIPTION

Phase 2 will construct a retaining wall to stabilize the road slope to the creek from Sta 36+30 to 36+80 (approx. 50 LF).

**Estimated Project Cost:**      **\$800,000**

### 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 and retaining walls. This is Phase 2 of [6](#).

### Regnart Road Improvements Phase 3: Sta 23+35 to 23+50 (Culvert/Outfall Replacement)



#### DESCRIPTION

Phase 3 will replace a culvert/outfall to stabilize the road slope to the creek from Sta 23+35 to 23+50.

**Estimated Project Cost:**    \$925,000

#### 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 and retaining walls. This is Phase 3 of a 6-phase program.

## Regnart Road Improvements Phase 4: Sta 7+15 to 7+40 (Retaining Wall)



### DESCRIPTION

Phase 4 will construct a retaining wall to stabilize the road slope to the creek from Sta 7+15 to 7+40 (approx. 25LF).

This is Phase 4 of a 6-phase program.

**Estimated Project Cost:**      **\$700,000**

### 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 and retaining walls.



## Regnart Road Improvements Phase 5: Sta 38+95 to 39+40 (Retaining Wall)



### DESCRIPTION

Phase 5 will construct a retaining wall to stabilize the road slope to the creek from Sta 38+95 to 39+40 (approx. 45LF).

This is Phase 5 of a 6 phase program.

**Estimated Project Cost:**    \$825,000

### 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 and retaining walls.

## Regnart Road Improvements Phase 6: Various Locations (Uphill Side Retaining Wall)



### DESCRIPTION

Phase 6 will construct a retaining wall to stabilize the road on the uphill side of the road.

This is anticipated to be the final phase of the improvement program for Regnart Road.

**Estimated Project Cost:**    \$250,000

### 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 and retaining walls.

## Retaining Wall Repair – Cordova Road



### DESCRIPTION

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

**Estimated Project Cost:**    \$350,000

### 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.

## Senior Center Expansion



### DESCRIPTION

Design and construct an expansion to the existing Senior Center to provide additional recreation space for older adults, and both fit and frail seniors.

**Estimated Project Cost: \$25,000,000**

### PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April, 2019. The master plan included recommendations for expanding and/or adding of new major facilities to meet community needs at existing park, expanding services to provide space for seniors and teens was identified as one of these facilities. The master plan included space for seniors and teens, this project would provide additional recreation space for older adults, and both fit and frail seniors. The master plan considered expanding the Senior Center for increased senior population.

## Service Center – Replacement Administration Building with EOC



### DESCRIPTION

Design and construction of a new administration building at the Service Center Improvements include an EOC, modest future growth of Service Center staffing and up to ten staff from City Hall.

**Estimated Project Cost:**    \$16,000,000

### PROJECT JUSTIFICATION

The current Service Center Administration building, built in the late 1970's, is inadequate for meeting current staffing levels. A new administration building will provide adequate, efficient office, meeting, and training space for city staff and an EOC, in a structurally compliant building. A feasibility study completed in spring 2017 provides design options and cost estimates for building a new administration/EOC building at the Service Center. The estimated all-inclusive project cost for the proposed conceptual plan is approximately \$16 million.

## 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.

**Estimated Project Cost:**      **\$1,700,000**

### 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.

## Sports Center – Interior Upgrades



### DESCRIPTION

Design and implement the following, 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.

**Estimated Project Cost:**    \$1,548,700

### 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. This project will continue the modernization program and increase the attractiveness of the facility.

## Sports Center HVAC Upgrades



### DESCRIPTION

Replace the existing HVAC units with new, energy efficient units with increased cooling capacity.

**Estimated Project Cost:   \$500,000**

### PROJECT JUSTIFICATION

The current HVAC units were installed for a customer base of 600, the current customer base is 2000. The amount of classes and fitness equipment in the building have quadrupled since the remodel in 2004. Staff have received multiple complaints from patrons due to facility temperatures that are either too cold or too hot. The current units are under capacity to meet the current demand. In addition, the existing units have reached the end of their useful life and need constant maintenance and repairs, which include calling in outside contractors to trouble shoot.



## Stevens Creek Bank Repair – South of SCB – Design & Construction



### 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.

**Budgeted Amount:** \$1,600,000

### PROJECT JUSTIFICATION

In 2014, the City purchased a residential parcel (Blesch) on Stevens Creek Boulevard that lies between the Stocklmeir 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.

## Stevens Creek Trail & Bridge over UPRR (De Anza Trail)



### DESCRIPTION

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.

**Budgeted Amount:**                **\$18,000,000**

### PROJECT JUSTIFICATION

Provide a connection with the Stevens Creek Trail system and vehicle access to the Snyder-Hammond House. This project is included in the City's adopted Bicycle Transportation Plan.

## Stocklmeir Legacy Farm – Phase 1 Improvements



### DESCRIPTION

Develop a service program and master plan for a legacy farm park, and implement an initial improvement project.

**Estimated Project Cost: \$400,000**

### PROJECT JUSTIFICATION

Transition the former Stocklmeir property to a public park as a “legacy farm”.

## Stocklmeir House – New Sewer Lateral



### DESCRIPTION

Install a new sewer lateral to connect the Stocklmeir House to the City's sanitary sewer main.

Estimated Project Cost:      \$100,000

### PROJECT JUSTIFICATION

This is the first step towards renovating this house and making it suitable for future non-residential use and occupancy.

## Storm Drain Improvements Phase 1 (Pumpkin Dr & Cranberry Dr)



### 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.

**Estimated Project Cost:**      **\$714,375**

### PROJECT JUSTIFICATION

City Council accepted the Storm Drain Master Plan on Jan. 15, 2019. The Storm Drain Master Plan identified and prioritized storm drain improvement projects. This project will fund implementation of the initial priorities (Pumpkin Fiesta – Phase 1). Phase 1 will increase the size of the pipes downstream of the railroad crossing.

## Storm Drain Improvements Phase 2 (Pumpkin Dr: Bubb to November)



### 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.

**Estimated Project Cost:**      **\$2,103,000**

### PROJECT JUSTIFICATION

City Council accepted the Storm Drain Master Plan on Jan. 15, 2019. The Storm Drain Master Plan identified and prioritized storm drain improvement projects. This project will fund implementation of the initial priorities (Pumpkin Fiesta – Phase 2). Phase 2 will install new piping that would connect Bubb to Pumpkin and upsize piping under Pumpkin to the railroad. New 3-ft piping would be installed under the railroad tracks.

## Storm Drain Improvements Phase 3 (Bubb Rd: Columbus to Monrovia St)



### 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.

**Estimated Project Cost:**      **\$273,000**

### PROJECT JUSTIFICATION

City Council accepted the Storm Drain Master Plan on Jan. 15, 2019. The Storm Drain Master Plan identified and prioritized storm drain improvement projects. This project will fund implementation of the initial priorities (Bubb – Phase 1). Phase 1 will add a 42" pipe to connect the storm drain system under Bubb to the system under Columbus. This will eliminate flooding at the southern-most manhole on Bubb.



## Storm Drain Improvements Phase 4 (McClellan Rd: Bubb Rd to September Dr)



### 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.

**Estimated Project Cost:**      **\$711,500**

### PROJECT JUSTIFICATION

City Council accepted the Storm Drain Master Plan on Jan. 15, 2019. The Storm Drain Master Plan identified and prioritized storm drain improvement projects. This project will fund implementation of the initial priorities (Bubb – Phase 2). Phase 2 will upsize the northern parallel pipe under McClellan after Phase 1 is complete. It will also upsize the pipe along McClellan from Bubb to September.



## Storm Drain Improvements Phase 5 (Bubb Rd: Monrovia St to Results Way)



### 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

**Estimated Project Cost:**      **\$2,477,000**

### PROJECT JUSTIFICATION

City Council accepted the Storm Drain Master Plan on Jan. 15, 2019. The Storm Drain Master Plan identified and prioritized storm drain improvement projects. This project will fund implementation of the initial priorities (Bubb – Phase 3). Phase 3 will upsize the pipes under Bubb from between 12-inch and 27-inch to 18-inch and 48-inch.

## Wilson Park Improvements



### DESCRIPTION

Identify improvements for the renovation of the east side of Wilson Park. Prepare final design and construction documents and construct improvements.

**Estimated Project Cost: Design - \$75,000**  
**Construction - \$750,000**

### PROJECT JUSTIFICATION

Wilson Park has sport fields on the west side of the park and the east side of the park is potentially underutilized. A process to obtain community input and consensus will assist in formulating a plan to renovate portions of the park.



# **Category 3 – Existing Projects – Completely Funded**

## 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 2017-18:

- 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

**Budgeted Amount:**

**\$7,266,000**

### PROJECT JUSTIFICATION

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

## 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.

**Budgeted Amount:** \$1,800,000

### 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.

## 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.

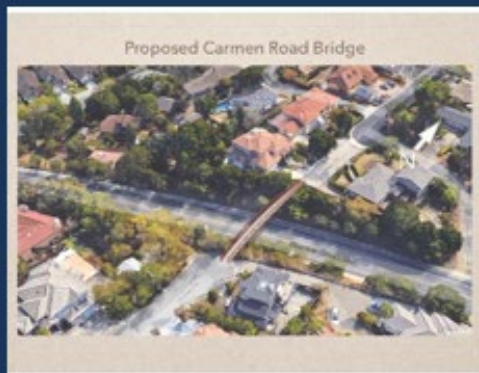
**Budgeted Amount:**

**\$75,000**

### 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.

## 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.

**Budgeted Amount:**                      **\$100,000**

### 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.

## 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

**Budgeted Amount:**                      **\$700,000**

### 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).



## Citywide Parks and Recreation Master Plan and CEQA Analysis



### DESCRIPTION

Prepare a long-range, citywide 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.

**Budgeted Amount:** \$600,000

### 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.

## 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.

**Budgeted Amount:**

**\$8,170,994**

### 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.

## 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.

**Budgeted Amount:**

**\$100,000**

### 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.

## McClellan Road Sidewalk Improvements – Phase 2



### DESCRIPTION

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

**Budgeted Amount:** \$2,035,000

### 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.

## 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.

**Budgeted Amount:** \$430,000

### 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.

## 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.

**Budgeted Amount:** \$950,000

### 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.



## 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.

**Budgeted Amount:** \$150,000

### 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.

## Regnart Creek Trail Feasibility Study and Design



### DESCRIPTION

Conduct a feasibility study to develop options for a bicycle – pedestrian trail along Regnart Creek from Pacifica to E. Estates. Develop cost estimates and identify potential design and construction issues. Recommend a preferred alternative for Council approval and design that alternative.

Budgeted Amount: \$480,000

### PROJECT JUSTIFICATION

The 2016 Bicycle Transportation Plan identifies improvements and priorities needed to enhance and promote safer bicycle transportation in the City. The Regnart Creek Trail is an identified priority in that plan. The Regnart Creek Trail Feasibility Study and design explored various trail alignments of the trail. This project is currently in design.



## Senior Center Repairs



### DESCRIPTION

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

**Budgeted Amount:**                      **\$200,000**

### 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.

## Sidewalk Improvements – Orange & Byrne



### DESCRIPTION

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

**Budgeted Amount:**                      **\$3,888,000**

### 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.

## 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.

**Budgeted Amount:** \$150,000

### 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.

## 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.

**Budgeted Amount:** \$610,000

### 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.

## Street Light Installation – Randy Ln. & Larry Wy.



### DESCRIPTION

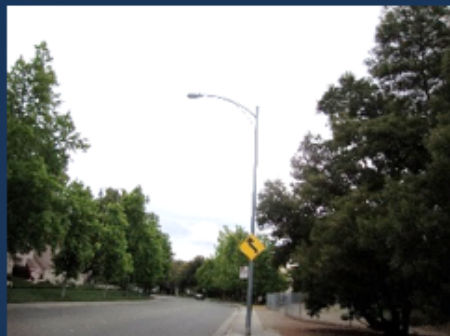
Design and install street light installations to fill gaps in street light coverage.

**Budgeted Amount:** \$367,000

### 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.

## Streetlight Replacement – Citywide (Labor Only)



### DESCRIPTION

Replace existing streetlights 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.

**Budgeted Amount:**

**\$200,000**

### 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.