

CIP 2020

Capital Improvement Program

Proposed FY 2020

Planned FY 2021-2024

City Council April 30, 2019

Public Works Department – Roger Lee, Acting Director



CUPERTINO

Completed Projects FY2019

The following projects will be completed by June 30, 2019:

- De Anza Median Island Landscaping Phase 1
- McClellan Road Sidewalk Phase 2
- McClellan Road Bikeway Phases 1A & 1B – Design
- Interim City Hall Feasibility Study
- Sports Center Upgrades – LED Message Sign
- Senior Center Repairs – Acoustical Panel Replacement
- Bike Boulevard Improvements Phase 1- Design
- Interpretive Signs for City Hall Demonstration Garden

Priorities

Four CIP project prioritization categories -

- Health and Safety
- Reliability & Resiliency
- Cost Savings and/or Operational Efficiencies
- Grant Eligible / Other

Priorities, cont.

Projects within each category prioritized on a scale of 1-4

- 1 – Highest Priority, 4 – Low Priority
- Based on
 - Urgency
 - Funding availability
 - Community support
 - Risk assessment
 - Part of an established plan, corridor or system

Development of FY19/20 & FY21-24 Options

- 3 options were developed
 - Based on:
 - Improvements to City Hall
 - Priorities
 - Capital Reserves and/or New Debt

Option A

- New City Hall & Library Expansion
- Utilizes \$30M Capital Reserve, \$40M COP, \$11M G.O. Bonds, and \$20.7M External Funding
- Requires increase in taxes such as Transactional Use Tax, Utility User's Tax, Transient Occupancy Tax, Parcel Tax or a combination thereof.

New City Hall



DESCRIPTION

Design and construct a new 40,000 SF City Hall with underground parking for 118 spaces. The building will be LEED Silver

OPTION A

Estimated Project Cost: \$68,000,000*

PROJECT JUSTIFICATION

This project would replace the 54 year old, existing City Hall building with New 40,000 SF City Hall with 118 underground parking spaces. A new building would provide additional public meeting space, increased number of employee workstations and improved floorplan for enhanced customer service. Replacement of City Hall would avoid costly seismic, HVAC and electrical upgrades, equipment replacements, and renovation costs. Completion of this project will require an Interim City Hall (\$2.5M) for a Total Cost = \$70.5M

Library Expansion



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.

OPTION A & B

Estimated Project Cost: \$10,046,979

PROJECT JUSTIFICATION

City Council approved the Civic Center Master Plan on July 7th, 2015. The master plan 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 for the library operator, reducing the reliance on the Cupertino Community Hall for programs and events.

Option A – Priority 1

Project Name	FY19/20
Interim City Hall (Monta Vista Rec Center Option)	\$2,000,000
Sports Center Seismic Retrofit	\$1,000,000
ADA Improvements	\$80,000
Regnart Road Improvements Phase 1: Sta 28+40 to 29+80 (Retaining Wall)	\$1,150,000
Quinlan Preschool Shade Structure	\$125,000
School Walk Audit Implementation	\$400,000
Bubb Road Improvements	\$1,980,000
Junipera Serra Trail (basic design for segments between Mary Ave & Vallco Pkwy)	\$1,800,000
Mary Avenue Protected Bikeways	\$165,000
McClellan Rd Bike Corridor Phase 3 - Signal Intersection Improvements @ De Anza/Pacifica	\$1,500,000
TOTAL PRIORITY 1	\$10,200,000
New City Hall – design, construction & interim building	\$70,500,000

Option A – Priority 2

Project Name	FY19/20
Bicycle Boulevards - Phase 2	\$649,000
New City Hall - Design	\$2,100,000
TOTAL PRIORITY 2	\$2,749,000

Option A – Grant/Donation/Other

Project Name	FY19/20
All Inclusive Playground (\$1.448M Grant, \$1.2 Local Share, \$2.852 donations)	\$5,500,000
Linda Vista Trail (Land donation if we commit to construct)	\$2,200,000
Solar EV Chargers (75% Reimbursable)	\$827,400
TOTAL GRANT/ DONATION/OTHER	\$8,527,400

Library Expansion (FY21/22 Design \$1M; FY22/23 Construction w/ parking \$9.05)	\$10,046,979
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Option B

- City Hall Renovation & Library Expansion
- Utilizes \$30M Capital Reserve, \$14.86M COP, \$11M G.O. Bonds, \$15.7M External Funding
- Does not require increased taxes

City Hall Renovation



DESCRIPTION

Design and construct renovations to the existing City Hall for increased operational efficiencies and improved customer service.

OPTION B

Estimated Project Cost: \$ 20,500,000

PROJECT JUSTIFICATION

As staff are temporarily relocated during construction of necessary Health & Safety projects this project will take advantage of the shut-down to reconfigure and remodel the interior space. Work includes, but is not limited to, moving the Permit Center to the ground floor, increasing the number of employee workstations, replace the single pane windows with energy efficient windows, new interior and exterior paint, carpet replacement and restroom remodels. Completion of this project would be in coordination with an additional project to complete Health & Safety issues. In addition, an Interim City Hall would be required.

Option B – Priority 1

PROJECT NAME	FY19/20
Interim City Hall (Monta Vista Rec Center Option)	\$2,000,000
City Hall Seismic Retrofit	\$1,000,000
City Hall - New Elevator	\$450,000
City Hall Generator Replacement	\$250,000
City Hall ADA Improvements	\$800,000
City Hall new HVAC System with EMS	\$250,000
City Hall Roof Renovations	\$600,000
City Hall New Switchboard & electrical system replacement	\$500,000
City Hall Lighting and lighting controls replacement	\$250,000
Sports Center Seismic Retrofit	\$1,000,000
ADA Improvements	\$80,000
SUBTOTAL PRIORITY 1	\$7,180,000

Option B – Priority 1 cont.

PROJECT NAME	FY19/20
Regnart Road Improvements Ph.1 (sta. 28+40-29+80 retaining wall)	\$1,150,000
Quinlan Preschool Shade Structure	\$125,000
School Walk Audit Implementation	\$400,000
Bubb Road Improvements	\$1,980,000
Juniperra Serra Trail (basic design for segments between Mary Ave & Valco Prkwy)	\$1,800,000
Mary Ave. Protected Bikeways	\$165,000
McClellan Road Bike Corridor Ph. 3 – Signal Intersection Imp. @ De Anza/Pacifica	\$1,500,000
SUBTOTAL PRIORITY 1 (this page)	\$7,120,000
TOTAL PRIORITY 1	\$14,300,000

Option B – Priority 2

PROJECT NAME	FY19/20
Bike Boulevard Project Ph. 2	\$649,000
TOTAL PRIORITY 2	\$649,000

Option B – Grant/Donation/Other

Project Name	FY19/20
All Inclusive Playground (\$1.448M Grant, \$1.2 Local Share, \$2.852 donations)	\$5,500,000
Linda Vista Trail (Land donation if we commit to construct)	\$2,200,000
Solar EV Chargers (75% Reimbursable)	\$827,400
TOTAL GRANT/DONATION/OTHER	\$8,527,400
TOTAL OPTION B	\$23,476,400

Option C

- \$6.1M City Hall Health & Safety Improvements
- Utilizes \$30M Capital Reserve, \$14.7M External Funding
- Excludes Library Expansion
- No additional taxes required
- \$13.2M available for “Other” Projects

City Hall Health & Safety Improvements



DESCRIPTION

Implement Health & Safety recommendations at City Hall as identified

- City Hall – New Elevator - \$450,000
- City Hall ADA Improv. - \$800,000
- City Hall Generator Replace - \$250,000
- City Hall Lighting & Controls Replace. - \$250,000
- City Hall new HVAC Sys. With EMS - \$250,000
- City Hall New Switchboard & Electrical Sys. Replace. - \$500,000
- City Hall Roof Renovations - \$600,000
- City Hall Seismic Retrofit - \$1,000,000

OPTION C

Estimated Project Cost: \$4,100,000

PROJECT JUSTIFICATION

City Hall and Sports Center were identified as the highest priority facilities with significant deficiencies that need to be addressed to avoid costly repairs and extended service interruptions. Total Cost to Complete this project is \$4.1M plus \$2.5 M for Interim City Hall. Total Cost will be \$6.6M

Option C – Priority 1

PROJECT NAME	FY19/20
Interim City Hall (Monta Vista Rec Center Option)	\$2,000,000
City Hall Seismic Retrofit	\$1,000,000
City Hall - New Elevator	\$450,000
City Hall Generator Replacement	\$250,000
City Hall ADA Improvements	\$800,000
City Hall new HVAC System with EMS	\$250,000
City Hall Roof Renovations	\$600,000
City Hall New Switchboard & electrical system replacement	\$500,000
City Hall Lighting and lighting controls replacement	\$250,000
Sports Center Seismic Retrofit	\$1,000,000
ADA Improvements	\$80,000
SUBTOTAL PRIORITY 1 (this page)	\$7,180,000

Option C – Priority 1 cont.

PROJECT NAME	FY19/20
Regnart Road Improvements Ph.1 (sta. 28+40-29+80 retaining wall)	\$1,150,000
Quinlan Preschool Shade Structure	\$125,000
School Walk Audit Implementation	\$400,000
Bubb Road Improvements	\$1,980,000
Juniperra Serra Trail (basic design for segments between Mary Ave & Valco Prkwy)	\$1,800,000
Mary Ave. Protected Bikeways	\$165,000
McClellan Road Bike Corridor Ph. 3 – Signal Intersection Imp. @ De Anza/Pacifica	\$1,500,000
SUBTOTAL PRIORITY 1 (this page)	\$7,120,000
TOTAL OPTION C	\$14,300,000

Option C – Grant/Donation/Other

Project Name	FY19/20
All Inclusive Playground (\$1.448M Grant, \$1.2 Local Share, \$2.852 donations)	\$5,500,000
Linda Vista Trail (Land donation if we commit to construct)	\$2,200,000
Solar EV Chargers (75% Reimbursable)	\$827,400
TOTAL GRANT/DONATION/OTHER	\$8,527,400
TOTAL OPTION C	\$22,827,400

Priority 1 – Health & Safety

ADA Improvements



DESCRIPTION

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

Estimated Project Cost (5-year):
\$450,000

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 FY2019-20 with planned increases of \$5,000 per year to a maximum of \$100,000 in FY2023-24.

Blackberry Farm Entrance Road Improvements - Construction



DESCRIPTION

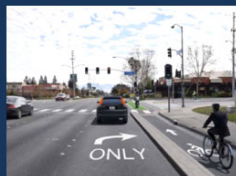
Design and construct a pedestrian, bicycle and vehicle access to Blackberry Park Farm and Stevens Creek Corridor Trail.

Estimated Project Cost: \$5,500,000

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.

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.

Citywide Building Condition Assessment Implementation



DESCRIPTION

Implement recommendations at City Hall as identified in the 2017/18 Comprehensive Facility Condition and Use Assessment.

- City Hall - New Elevator - \$450,000
 - City Hall ADA Improv. - \$800,000
 - City Hall Generator Replace - \$250,000
 - City Hall Lighting & Lighting Controls Replace. - \$250,000
 - City Hall new HVAC Sys. With EMS - \$250,000
 - City Hall New Switchboard & Electrical Sys. Replace. - \$500,000
 - City Hall Roof Renovations - \$600,000
 - City Hall Seismic Retrofit - \$1,000,000
 - Sports Center Seismic Retrofit - \$1,000,000
- Estimated Project Cost: \$5,100,000**

PROJECT JUSTIFICATION

The 2017/18 Comprehensive Facility Condition and Use Assessments project assessed the condition of nearly every City owned facility. City Hall and Sports Center were identified as the highest priority facilities with significant deficiencies that need to be addressed to avoid costly repairs and extended service interruptions.

Interim City Hall (Monta Vista Rec Center Option)



DESCRIPTION

This project would relocate the majority of City Hall staff to Monta Vista Recreation Center while the existing City Hall is improved or replaced.

Estimated Project Cost: \$2,000,000

PROJECT JUSTIFICATION

During construction work at City Hall (New Building, Renovation or Health & Safety Improvements), staff will need be relocated to complete the work. Monta Vista Recreation Center was identified as the most cost effective, interim site that could accommodate City Hall staff. Coordination with existing Recreation and Community Service programs will be required.

Junipero 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. Additional design dollars will be needed if either a bridge or tunnel is selected for the De Anza Boulevard crossing.

Mary Avenue Protected Bikeways



DESCRIPTION

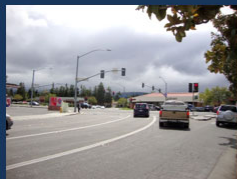
Design and construct a protected bikeway from Stevens Creek Blvd. to the Don Burnett Bicycle-Pedestrian Bridge.

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.

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.

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
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.

Priority 1 & 2 – Grant & Donations

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.

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.

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 (up to 75% Reimbursable)

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 of 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 up to 75% reimbursable through a competitive



Priority 2 – Health & Safety

Bicycle Boulevards – Phase 2



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: \$649,000

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.

Junipero 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.

Memorial Park Phase 1 – Pond Demolition



DESCRIPTION

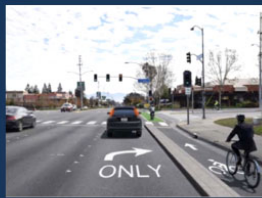
This project will remove of the existing concrete pond and return the site to a naturalized state.

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.

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.

McClellan Road Bridge Replacement @ Stevens Creek



DESCRIPTION

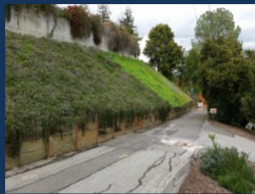
Design and construct a replacement bridge on McClellan Rd. over Stevens Creek.

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.

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.

Stevens Creek Boulevard Class IV Bikeway Phase 2 (Wolfe Rd. to HWY 85)



DESCRIPTION

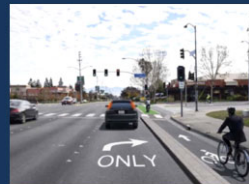
Design and construct a separated bikeway along Stevens Creek Blvd from Wolfe Rd. to HWY 85.

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.

Stevens Creek Boulevard Class IV Bikeway Phase 3 (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.

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.

Estimated Project Cost: \$2,818,000

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.

Priority 1 – Other 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.

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 Wayfinding Implementation



DESCRIPTION

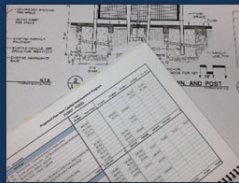
Implement to Bicycle Wayfinding Plan that recommends the location and messaging for the bicycle wayfinding signage.

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.

Capitol Project Support



DESCRIPTION

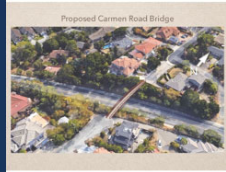
Funding for exceptional or unusual services that may occasionally be required in support of capital projects, so that such expenses may be accounted for and assigned to the project requiring the specific services.

Estimated Project Cost: \$295,000

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.

Carmen Road Pedestrian/Bike Bridge Design & Construction



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 which 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.

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

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.

Citywide Building Condition Assessment Implementation Phase 2



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.

Estimated Project Cost: \$5,200,000

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 3



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: \$4,750,000

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

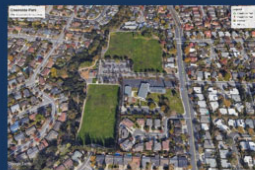
Reconstruct existing drainage structures adjacent to 22001 Lindy Lane, 10545 Cordova Road and 21710 Regnart Road to prevent debris build-up, flooding and creek erosion during the rainy season.

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 Development Plan



DESCRIPTION

Prepare a Development Plan for the existing Creekside Park, to achieve goals set in the Cupertino Parks and Recreation System Master Plan.

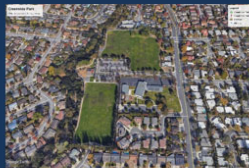
Estimated Project Cost: \$100,000

PROJECT JUSTIFICATION

The City Council reviewed the Cupertino Parks and Recreation System Master Plan in April, 2019. The master plan included recommendations for Creekside Park. 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.

Creekside Park – Design & Construction



DESCRIPTION

Design and construct identified improvements for the existing Creekside Park per the Development Plan

Estimated Project Cost: \$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 Creekside Park. The master plan recommended renovating the site as a neighborhood recreation and sports hub. This project would construct improvements as specified in the Creekside Park Development Plan.

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

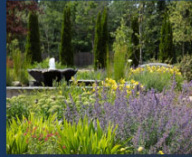
Design and construct Gymnasium Complex that would provide a multi-generational gymnasium complex and recreation center to provide sports courts spaces and support other activities

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 Development Plan



DESCRIPTION

Prepare a Development Plan for the existing Jollyman Park, it is a neighborhood park located on several acres of land adjacent on Stelling Road.

Estimated Project Cost: \$100,000

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/parcourse or full size basketball court; consider development of other new facilities; provide inviting connection to bikeway.

Jollyman Park – Design & Construction



DESCRIPTION

Design and construct identified improvements for the existing Jollyman Park per the Development Plan.

Estimated Project Cost: \$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 to enhance park and neighborhood and community hub for recreation programs, activities and sports. This project would construct improvements as specified in the Jollyman Park Development Plan.

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.

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



DESCRIPTION

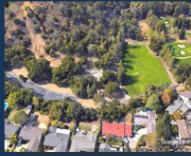
Construction of Segment #1 from Don Burnett Bridge to De Anza Blvd.

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 Valco 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 Development Plan



DESCRIPTION

Prepare a Development Plan for the existing Linda Vista Park, it is a neighborhood park located on several acres of land adjacent on Linda Vista Road.

Estimated Project Cost: \$100,000

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/parcourse or full size basketball court; consider development of other new facilities; provide inviting connection to bikeway and reconstructing the fountains.

Linda Vista Park – Design & Construction



DESCRIPTION

Design and construct identified improvements for the existing Linda Vista Park per the Development Plan.

Estimated Project Cost: \$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 to enhance park and neighborhood and community hub for recreation programs, activities and sports. 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

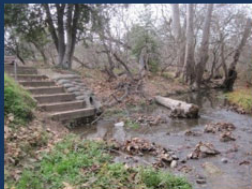
Design and construct improvements to renovate the barn into an educational and public space.

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: \$1,200,000

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.

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 2 – Design (Amphitheater & Trail)



DESCRIPTION

Design improvements to the amphitheater and trail per the Memorial Park Master Plan & Study.

Estimated Project Cost: \$350,000

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 2 – Construction



DESCRIPTION

Construct Memorial Park Phase 2 improvement as shown in the Memorial Park Master Plan & Parking Study.

Estimated Project Cost: \$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 – Design



DESCRIPTION

Design the Memorial Park Phase 3 per the Memorial Park Master Plan & Study.

Estimated Project Cost: \$350,000

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 – Construction



DESCRIPTION

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

Estimated Project Cost: \$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 (Site Identification Study & Procurement Plan)



DESCRIPTION

Identify sites and develop a procurement plan to meet the recommendations in the master plan

Estimated Project Cost: \$150,000

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 new acquisitions. If opportunities 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.

New Neighborhood Parks (Land Acquisition& Development)



DESCRIPTION

Acquire and develop new neighborhood parks in accordance with the Master Plan and site identification study and procurement plan.

Estimated Project Cost: \$20,000,000

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 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 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 Development Plan



DESCRIPTION

Prepare a Development Plan for the renovation of the east side of Portal Park.

Estimated Project Cost: \$75,000

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 future plans to renovate portions of the park.

Portal Park – Design & Construction



DESCRIPTION

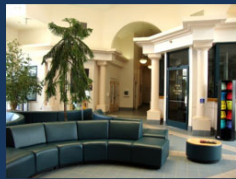
Design and construct improvements identified in the Portal Park Development Plan.

Estimated Project Cost: \$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 Portal Park Development Plan will be prepared to identify improvements to the existing park.

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

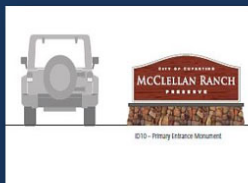
Design and construct a multi-zone HVAC system upgrade.

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 Creek Trail



DESCRIPTION

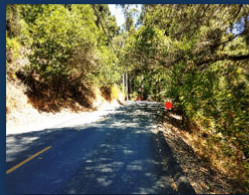
Design and construct a bicycle – pedestrian trail along Regnart Creek from Pacifica to E. Estates.

Estimated Project Cost: \$2,100,000

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 was identified as a priority in that plan. The Regnart Creek Trail Feasibility Study was completed and approved by City Council in August 2018, at that time additional funding was authorized to design the trail. This project would complete the process by implementing the design and constructing the trail.

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).

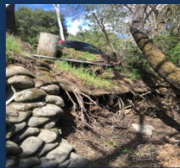
This is Phase 4 of a 6-phase program.

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).

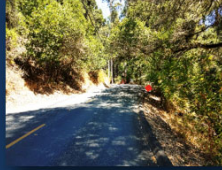
This is Phase 5 of a 6 phase program.

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.

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

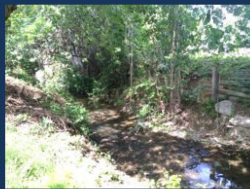
Replace the existing HVAC units with new, energy efficient units with increased cooling capacity.

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 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.

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.

Wilson Park Development Plan



DESCRIPTION

Prepare a Development Plan for the renovation of the east side of Wilson Park.

Estimated Project Cost: \$75,000

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.

Wilson Park – Design & Construction



DESCRIPTION

Prepare final design and construction documents and construct improvements identified in the Development Plan.


Estimated Project Cost: \$750,000

PROJECT JUSTIFICATION

The east side of Wilson Park is considered underutilized. Based on the recommendations received through the Development Plan process this project will formulate a plan to renovate portions of the park.



Why do Public Improvement Projects cost so much?



Public Projects include additional requirements such as:

- Environmental Clearance
- Qualification Based Consultant Selection
- Extensive Stakeholder and Community Outreach
- Project Delivery: Design-Bid-Build
- Formal Bid/Advertising Process
- Greater Accountability to the Public (Owners Rep.)
- Prevailing Wage

Project Estimating: Construction Cost

Direct Cost:	\$ 80,000
Site Requirements (3%):	\$ 2,400
Jobsite Management (8%):	\$ 6,400
Insurance and Bonds (2.5%):	\$ 2,000
Overhead & Profit (8.5%):	\$ 6,800
Escalation (3% per year):	<u>\$ 2,400</u>
Estimate of Probable Construction Cost:	\$100,000

Project Estimating: Total Project

Estimate of Probable Construction Cost:	\$100,000
Design Contingency (35 -50%):	\$ 35,000
Construction Contingency (10 -15%):	<u>\$ 13,500</u>
Subtotal Construction:	\$148,500
Consultant Design (10 – 12%):	\$ 14,850
City Project Management (5 - 8%):	\$ 7,425
Construction Management (10 – 15%):	\$ 14,850
Testing and Inspection (0 – 5 %):	<u>\$ 7,425</u>
Total Project Cost:	\$185,625

