



CUPERTINO

CITY OF CUPERTINO

AGENDA

BICYCLE PEDESTRIAN COMMISSION

This will be a teleconference meeting without a physical location
Wednesday, November 16, 2022
7:00 PM

Teleconference Meeting

TELECONFERENCE / PUBLIC PARTICIPATION INFORMATION TO HELP STOP THE SPREAD OF COVID-19

In accordance with Government Code 54953(e), this will be a teleconference meeting without a physical location to help stop the spread of COVID-19.

Members of the public wishing comment on an item on the agenda may do so in the following ways:

1) E-mail comments by 5:00 p.m. on Wednesday, November 16 to the Commission at bikepedcommission@cupertino.org. These e-mail comments will be received by the commission members before the meeting and posted to the City's website after the meeting.

2) E-mail comments during the times for public comment during the meeting to the Commission at bikepedcommission@cupertino.org. The staff liaison will read the emails into the record, and display any attachments on the screen, for up to 3 minutes (subject to the Chair's discretion to shorten time for public comments). Members of the public that wish to share a document must email bikepedcommission@cupertino.org prior to speaking.

3) Teleconferencing Instructions

Members of the public may observe the teleconference meeting or provide oral public comments as follows:

Oral public comments will be accepted during the teleconference meeting. Comments may be made during "oral communications" for matters not on the agenda, and during the public comment period for each agenda item.

To address the Commission, click on the link below to register in advance and access the meeting:

Online

Register in advance for this webinar:

https://cityofcupertino.zoom.us/webinar/register/WN_4AzIg2iQQCGrDw_pav0_RQ

Phone

Dial 669 900 6833 and enter Webinar ID: 998 2318 5189 (Type *9 to raise hand to speak)

Unregistered participants will be called on by the last four digits of their phone number.

Or an H.323/SIP room system:

H.323:

162.255.37.11 (US West)

162.255.36.11 (US East)

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213.244.140.110 (Germany)

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Meeting ID: 998 2318 5189

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After registering, you will receive a confirmation email containing information about joining the webinar.

Please read the following instructions carefully:

1. You can directly download the teleconference software or connect to the meeting in your internet browser. If you are using your browser, make sure you are using a current and up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers, including Internet Explorer.
2. You will be asked to enter an email address and a name, followed by an email with instructions on how to connect to the meeting. Your email address will not be disclosed to the public. If you wish to make an oral public comment but do not wish to provide your name, you may enter "Cupertino Resident" or similar designation.
3. When the Chair calls for the item on which you wish to speak, click on "raise hand." Speakers will be notified shortly before they are called to speak.
4. When called, please limit your remarks to the time allotted and the specific agenda topic.

In compliance with the Americans with Disabilities Act (ADA), anyone who is planning to

attend this teleconference meeting who is visually or hearing impaired or has any disability that needs special assistance should call the City Clerk's Office at 408-777-3223, at least 48 hours in advance of the meeting to arrange for assistance. In addition, upon request, in advance, by a person with a disability, meeting agendas and writings distributed for the meeting that are public records will be made available in the appropriate alternative format.

ROLL CALL

APPROVAL OF MINUTES

1. Subject: October 19, 2022 Bicycle Pedestrian Commission Minutes
Recommended Action: Approve October 19, 2022 Bicycle Pedestrian Commission Minutes
[A - Draft Minutes](#)
2. Subject: September 8, 2022 Parks and Recreation Commission, Planning Commission, and Bicycle Pedestrian Commission Joint Special Meeting Minutes
Recommended Action: Approve September 8, 2022 Minutes
[A - Draft Minutes](#)

POSTPONEMENTS

ORAL COMMUNICATIONS

This portion of the meeting is reserved for persons wishing to address the Commission on any matter within the jurisdiction of the Commission and not on the agenda. Speakers are limited to three (3) minutes. In most cases, State law will prohibit the Commission from making any decisions with respect to a matter not on the agenda.

WRITTEN COMMUNICATIONS

OLD BUSINESS

3. Subject: Future Agenda Items (Ganga)
Recommended Action: Develop and Maintain a List of Future Agenda Items for the Bicycle Pedestrian Commission
4. Subject: Lawrence-Mitty Park Status Update (Raaymakers)
Recommended Action: Receive Update on Lawrence-Mitty Park and Trail Project and Provide Feedback on Next Steps

NEW BUSINESS

5. Subject: Suggestions for Fiscal Year 2023-2024 City Work Program and Capital Improvement Program Inclusion (Ganga)
Recommended Action: Propose Suggestions for Fiscal Year 2023-2024 City Work Program and Capital Improvement Program Inclusion (Action Item)
6. Subject: Bubb Road - McClellan Road Intersection Assessment and Recommended Improvements (Stillman)
Recommended Action: Receive an Update on Bubb Road and McClellan Road Intersection Assessment and Recommended Improvements

STAFF AND COMMISSION REPORTS

7. Subject: Staff Update and Commissioner Activity Report (All)
Recommended Action: Receive Updates from Staff and Commissioners Regarding Recent Activities

FUTURE AGENDA SETTING

ADJOURNMENT

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Any writings or documents provided to a majority of the members after publication of the agenda will be made available for public inspection. Please contact the City Clerk's Office in City Hall located at 10300 Torre Avenue, Cupertino, California 95014, during normal business hours.

IMPORTANT NOTICE: Please be advised that pursuant to Cupertino Municipal Code section 2.08.100 written communications sent to the Cupertino City Council, Commissioners or City staff concerning a matter on the agenda are included as supplemental material to the agenda item. These written communications are accessible to the public through the City's website and kept in packet archives. Do not include any personal or private information in written communications to the City that you do not wish to make public, as written communications are considered public records and will be made publicly available on the City website.

Members of the public are entitled to address the members concerning any item that is described in the notice or agenda for this meeting, before or during consideration of that item. If you wish to address the members on any other item not on the agenda, you may do so during the public comment.



CITY OF CUPERTINO

Agenda Item

22-11753

**Agenda Date:
11/16/2022 Agenda #: 1.**

Subject: October 19, 2022 Bicycle Pedestrian Commission Minutes

Approve October 19, 2022 Bicycle Pedestrian Commission Minutes



DRAFT MINUTES
MINUTES OF THE REGULAR MEETING OF THE
BICYCLE PEDESTRIAN COMMISSION
October 19, 2022

Draft Minutes

The meeting was called to order at 7:01 p.m.

ROLL CALL:

Present: Jack Carter (VC), Gerhard Eschelbeck, Ilango Ganga (C), Grace John, Erik Lindskog

Absent: None

Staff: David Stillman, Staff Liaison

Others Present: Bill Mitchell, Chief Technology Officer

APPROVAL OF MINUTES

1. August 17, 2022 Bicycle Pedestrian Commission Minutes

Commissioner Lindskog joined the meeting at 7:03 p.m.

MOTION: Vice Chair Carter moved, seconded by Commissioner Eschelbeck to approve the minutes as presented.

MOTION PASSED: 5-0

2. September 21, 2022 Bicycle Pedestrian Commission Minutes

Chair Ganga wanted to know if there was an update on the Joint Commission meeting minutes. David Stillman, Transportation Manager relayed those minutes were to be brought before the Bicycle Pedestrian Commission in November. The misspelling was to be corrected but the minutes were not to be re-written. The Joint Commission minutes were considered Action Minutes and there was a distinction between minutes for meetings televised and those not. The Bicycle Pedestrian Commission minutes were in much greater detail because that was the only record that existed.

Commissioner Eschelbeck inquired if the recording for the Joint Commission will be available later. Mr. Stillman said yes. Commissioner Eschelbeck asked if the Bicycle Pedestrian Commission recording was deleted after the minutes were passed. Mr. Stillman said yes.

Chair Ganga was concerned about the Joint Commission meeting minutes missing substantive content. Mr. Stillman added that the recording would need to be referenced to capture the rest of the discussion.

MOTION: Commissioner Eschelbeck moved, seconded by Vice Chair Carter to approve the minutes as presented.

MOTION PASSED: 5-0

POSTPONEMENTS

No Postponements

ORAL COMMUNICATIONS

Byron Rovegno, public speaker noted that \$5 million was received for the McClellan Road overcrossing of Stevens Creek. Given the bridge was aged, it needed to be restored. He requested signage at the Stocklmeir House about hiking along Stevens Creek, up to Varian Park.

WRITTEN COMMUNICATIONS

None

Chair Ganga asked about the protocol for reading items at the meeting. David Stillman, Transportation Manager replied that if they come far enough in advance, they are not noted or read at the meeting.

OLD BUSINESS

3. Future Agenda Items (Ganga)

Carmen Road Bridge

Education on How to Use Two-Stage Left Turn Boxes

Path between Lincoln Elementary and Monta Vista High School

The Impact of Semi-Rural Designation on Bike and Ped Projects/Priorities

Reassess the Intersection at Bubb Road/McClellan Road

Stevens Creek Boulevard, Phases 1-3

Legally Allowed Behavior at Stop Signs for Bicyclists

Vision Zero (Workplan Item)

Lead Pedestrian Walk Interval (LPI) (start the pedestrian green before vehicles)

Lawson Middle School Bike Path

Input from Seniors on the Bicycle Pedestrian Improvements

Bollinger Road Safety Corridor Project

AB 43 – Summary and how Commission can support implementation (to what extent we can reduce speed limits)

Bicycle Licensing (to prevent bike theft)

Bicycle Facilities (Workplan Item)

Cristo Rey Drive (Ganga)

Land Donation from Richard Lowenthal (Carter)

Review of the BPC Website Objectives (Six months to annually)

BPC Input at the VTA BPAC Meeting Regarding Adult Bicycle Education (Lindskog/Ganga)

4. Bicycle Pedestrian Commission Website (Ganga)

Chair Ganga gave a presentation on the Bicycle Pedestrian Commission (Commission) website. Commissioner Eschelbeck recapped that there were two actions mentioned at the last meeting, one was to update the objectives and the other was to update individual Commissioner Biographies.

Chair Ganga said it was up to individuals to update their Commissioner Biographies.

Vice Chair Carter inquired when the website was going to be live. It did not make sense to update things now because there would be new Commissioners at the end of the year. Commissioner Eschelbeck said the Commission website was live right now.

Commissioner Eschelbeck relayed that one of the things focused on when crafting the new objectives were more strategic items, things that were longer term, and then the items could be distilled down to five major objectives.

Vice Chair Carter inquired who to send the Commissioner Biographies to. Mr. Stillman said to send them to him.

Chair Ganga said the objective was to keep the sense of what was there before, and then add a little. The objectives should be modified so they could be applied to the next five to ten years. Commissioner Eschelbeck remarked that the City of Cupertino was currently at bronze status as a Bicycle Friendly City with the League of American Bicyclists (League). The League detailed what it took to achieve gold status on their website. The next submission deadline was February 2023. He hoped the City would upgrade to silver at that time. Chair Ganga relayed that gold status was a long-term goal.

Vice Chair Carter questioned if there was going to be a biannual review of the website. Commissioner Eschelbeck answered that this was an annual exercise and updating it was something that needed to be looked at.

Vice Chair Carter brought out that this should be reviewed once per year, and the question should be asked “what was the Commission doing to move forward on these things?” Chair Ganga agreed and suggested reviewing it annually or every six months. He suggested moving this to Future Agenda Items.

Chair Ganga discussed the second objective, which was related to achieving the Vision Zero goals by 2030. This was another longer-term goal, which was also part of an existing Work Plan item. The action plan spelled out how many years it took to achieve the goals. The goals needed

to be set before they could be achieved. Mr. Stillman suggested leaving the year off the objective because the Vision Zero project had not yet had a horizon date. The year was able to be set later. Chair Ganga suggested rewriting the objective to say 'achieve Vision Zero goals to make it one of the safest cities.' Commissioner Eschelbeck agreed.

Chair Ganga noted the next objective related to safer bicycle and pedestrian commutes. He wanted to make this objective broader, to cover all educational institutions. The idea was to focus on the bicycle and pedestrian infrastructure closer to the educational institutions to increase safety. Another piece added was 'educational programs,' which encouraged more students to walk and bike.

Chair Ganga noted the next objective, which was to improve the safety at major corridors, such as near shopping centers. The last was to employ data driven policies to set measurable goals. This way, a few years later, it can be seen if the intended impact was accomplished.

Vice Chair Carter asked if the objectives would have links to further information, which detailed the specific objectives. He thought residents may want more information. Chair Ganga thought that was possible. Vice Chair Carter felt the objectives needed to be backed up with more detail. Commissioner Eschelbeck commented that it was other way around. The individual objectives were driving individual actions. He thought the objectives could be looked at as guiding principles for the projects. There was a need to have an action list under the objectives, but the objectives were able to stand on their own and they should be clear.

MOTION: Vice Chair Carter moved, seconded by Commissioner Eschelbeck to recommend approval of the following Bicycle Pedestrian Commission objectives, which will be updated on the website:

1. Be one of the bicycle friendly cities in California by achieving gold status from the League of American Bicyclists
2. Achieve Vision Zero goals for Cupertino to make Cupertino one of the safest cities for multimodal transport, including bicycle and pedestrian transportation
3. Focus on safer bicycle and pedestrian commute infrastructure to and from educational institutions, and increase safety educational programs, encouraging more students to walk and bike
4. Improve safety of major corridors throughout Cupertino, allowing for safer access to employment, shopping, senior centers, and other leisure venues by walking and biking
5. Employ data driven policies to set measurable goals for enhancing safety

MOTION PASSED: 5-0

NEW BUSINESS

5. Traffic Adaptive and Multi-Modal Count Pilot Program (Mitchell)

David Stillman, Transportation Manager introduced Bill Mitchell, Chief Technology Officer and Dustin Hinds, Cubic|Trafficware Inc.

Bill Mitchell, Chief Technology Officer gave a presentation on the traffic adaptive and multi-modal count pilot program, as it related to Information Technology (IT.)

Vice Chair Carter inquired if the technology was secure against hacking. Mr. Mitchell answered extremely secure.

Vice Chair Carter asked what happens when the internet goes down; were the traffic lights going to blink red. Mr. Stillman answered that the signals were not dependent on the internet, the signals would keep running.

Commissioner Eschelbeck wanted to know exactly what was being measured. He wondered if the number of vehicles counted per hour, per minute was captured. He wanted to know the granularities of what was measured. Mr. Stillman respond that this was a good time to give his portion of the presentation. Mr. Stillman proceeded with his presentation.

Vice Chair Carter inquired if the software could differentiate between a bicyclist and a pedestrian. Mr. Stillman said yes, the software uses visual images to determine this.

Commissioner Eschelbeck asked if the video and monitoring were connected with the traffic signal changing to a green light. Mr. Stillman explained that the cameras detected the cars, then that data feed was fed into the Trafficware system, which then adjusted the signal timing to maximize the progression of the vehicles along the corridor. His presentation showed how the data came into the system; the software used the data to perform delay reductions.

Commissioner Eschelbeck inquired if the software could be used to detect bicyclists approaching the intersection, so they were prioritized. Mr. Stillman said yes and added that the software was also at other locations throughout the City of Cupertino. It could be set up so one of the detection zones was say 200 feet in advance of the intersection. When the bicycle went through that zone, it would send a message to the controller that a bicycle was going to arrive in 10 seconds, and in anticipation of that, it could change the light to green for the bicyclist.

Chair Ganga inquired why the 2019 data was needed to compare with present data. He hypothesized the possibility of turning on the software, say for the month of October, and then turning it off in December, and then comparing the two months to see if there was improvement with and without the active traffic signaling. Mr. Stillman assured the Chair that could be done.

Chair Ganga asked if the adaptive signaling could be used for safety purposes. For example, if a pedestrian was trying to cross the street and needed an extended light to complete the crossing. He also thought about traffic safety aspects and if they were considered with the software. Mr. Stillman answered that he believed the software could provide an extended walk phase. Dustin Hinds, Cubic|Trafficware Inc. chimed in saying that was correct, things could be done to extend the pedestrian walk phase. Chair Ganga wanted to know if that was part of this pilot. Mr. Stillman said it was not tested.

Chair Ganga wanted to know how long the pilot was run and if the software continued to be used. Mr. Mitchell answered that the data was up and running around August, the pilot extended through December and the applications were still running. Chair Ganga wanted assurance that there was coordination with other intersections. Mr. Stillman stated there were four intersections that were part of the pilot, and the De Anza corridor as a whole was also coordinated, it was just not running adaptive beyond those four intersections.

Mr. Stillman was looking at expanding the Gridsmart capabilities to other intersections because the multi-modal counting was very appealing and useful. Chair Ganga mentioned seasonal patterns, for example, the school year. It was good to understand how many students were riding their bikes, and if the seasonal patterns increase in summer versus winter. He wanted to know if data analytics was possible, post processing. Mr. Stillman confirmed the ability to gather that data.

Vice Chair Carter understood the adaptive software would just be used on the main corridors, such as Stevens Creek Boulevard and De Anza Boulevard. Mr. Stillman said yes and explained that the benefit to the adaptive software was moving large volumes of people on major corridors. Vice Chair Carter inquired about the current in-pavement pedestrian/bicycle detection mechanisms and asked if this software would replace that. Mr. Stillman felt there were advantages and disadvantages to both; it was good to leverage both.

Chair Ganga pondered on whether the system was able to detect near misses. Mr. Hinds thought that question was better related toward the Gridsmart technology. There were constant expansions of the software capabilities and that was on his roadmap.

Chair Ganga wanted to know if the system worked at night. Mr. Stillman answered in general, yes, but the system had a little trouble detecting bicyclists at night that did not have lights. Chair Ganga thought of illuminating the intersection. Mr. Stillman did not think Gridsmart had infrared capabilities, so there would need to be an exploration of other options.

Chair Ganga wanted to know what the next steps were. Mr. Stillman said the goal now was to complete the transition to ethernet communication and to do any final controller and switch upgrades to establish the ethernet connectivity; this should take a few months. Another goal was to outfit more of the traffic signals with the Gridsmart capabilities so there was better detection and more multi-modal counts. After that was done, he would like to see this continued down De Anza Boulevard.

6. Bicycle Facilities Improvements (Stillman)

David Stillman, Transportation Manager gave a presentation on bicycle facility improvements.

Commissioner Lindskog was interested in having bike racks closer to businesses. Those were good locations because they were right in front of a business, near a visible space. The intent was to locate the bike facilities as centrally as possible, while still being in the public right of way.

Commissioner Eschelbeck inquired of the total cost, per facility. Mr. Stillman stated there was a \$50,000 budget for this Work Plan item. Installation of each individual rack was a few thousand dollars each. There was enough of a budget to install about 25 bike facilities throughout the City of Cupertino. Other things could be added as well, such as repair stations.

Vice Chair Carter did not have a problem with the locations at this level, but a detailed view of where they were going to be installed would be good. Mr. Stillman suggested considering if there was a consensus on the location, then he would have the Bicycle Pedestrian Commission (Commission) dive into a deeper level of detail to show where he proposed to install each bike rack.

Chair Ganga did not see any proposals for bike racks at Memorial Park. Mr. Stillman answered that there were already bike racks there. If the Commission wanted more, more locations could be considered at Memorial Park.

Commissioner Lindskog believed the Valley Transportation Authority (VTA) updated their recommendations for bike parking; they have a document where they recommend bike parking. Chair Ganga remarked that Stevens Creek Corridor was a major commercial locale and there were other shopping locations in the presentation. Commissioner Lindskog thought there was a need for a lot more bike facilities than was shown on the map. The trick was to figure out how to incentivize businesses to install bike racks. Chair Ganga agreed and thought that could be part of Phase 2. Vice Chair Carter thought installations that were near lunch locations were good.

Byron Rovegno, public speaker suggested bike racks near the Post Office.

Matt W, public speaker noted that Apple, Inc. bikes have integrated bike locks that were necessary. He asked for a designated place to put these Apple, Inc. bikes when people went out as a group.

Vice Chair Carter said the area of Monte Vista where there were restaurants was a popular area; it would be good to switch a few in that spot.

Mr. Stillman relayed that it appeared there was a consensus on the location of the bike racks. He planned on coming back to the Commission to get into a deeper discussion on the locations. He wanted to know if the Commission was okay with the style of rack he suggested. Chair Ganga mentioned other alternatives should be considered.

STAFF AND COMMISSION REPORTS

7. Staff Update and Commissioner Activity Report (All)

David Stillman, Transportation Manger relayed that the Vision Zero Request for Proposals (RFP) was being advertised and were due by November 8. The Vision Zero Subcommittee met a few weeks ago to review the draft RFP. Chair Ganga inquired when the actual work was going to commence. Mr. Stillman said around the beginning of 2023.

Mr. Stillman relayed that the Lawson Middle School Bikeway Study had begun; there was a contract executed. The first in-person community meeting was to be held on November 10, 3:30 p.m. at Lawson Middle School. Invitations were sent out to the community and stakeholders. The midblock crosswalks item was heard at the October 18 Council Meeting. The staff recommendation was approved, which was to collect data for a year following the opening of the trail and come back with a recommendation on easement closure and crosswalk location. No crosswalk was to be installed prior to the opening of the trail but signs were to be installed. He reminded the Commissioners of the annual dinner scheduled for November 14.

Commissioner Lindskog gave a presentation of the October 12 VTA BPAC meeting.

Commissioner John gave a report on the Mayor's Meeting and the Safe Routes to School Meeting. Commissioner Lindskog was to attend in November.

ADJOURNMENT

Meeting adjourned at 9:10 p.m.

SUBMITTED BY:

David Stillman, Staff Liaison

Note: Any attachments can be found on the Cupertino Website
<https://www.cupertino.org/our-city/agendas-minutes>

Bicycle Pedestrian Commission



CUPERTINO

October 19, 2022

Bicycle Pedestrian Commission

Bicycle Pedestrian Commission Website



CUPERTINO

October 19, 2022

BPC Webpage (1 of 2)

[Our City](#) » [Commissions](#) »

BICYCLE PEDESTRIAN COMMISSION

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The function of the Bicycle Pedestrian Commission is to review, monitor and make recommendations regarding City transportation matters including but not limited to bicycle and pedestrian traffic, parking, education and recreation within Cupertino (also see Municipal Code [2.92.080](#) Powers and Functions). In July 2015 the Commission voted unanimously to establish a mission statement including measurable objectives to be achieved by the end of 2025. This will guide the Commission's priorities and will be central to defining the upcoming 2016 Bicycle plan.

The objectives are as follows:

- Be one of the top 5 cities in California for biking and walking and achieve Gold status from the League of American Bicyclists.
- Expand middle and high school student bicycle and pedestrian trips to 40% of total school commutes.
- Expand intra-city trips for errands and leisure by adults and seniors via bicycle/walking to 20% of trips.
- Expand resident bicycle/pedestrian commuting to major Cupertino employers and De Anza College to 15% of total trips.

STAFF CONTACT

David Stillman

Transportation Manager

Phone: 408.777.3249

Fax: 408.777.3333

davids@cupertino.org

[Online Commission Application](#)

[Agenda and Minutes](#)

[Current Commission Vacancies](#)

BPC Webpage (2 of 2)

[City Work Program](#)

The Commission consists of five members appointed by the City Council to four-year overlapping terms. None shall be officials or employees of the City nor cohabit with, as defined by law, nor be related by blood or marriage to, any member of the committee, the City Manager or the staff person or persons assigned to the Commission. All members are City of Cupertino residents.

Meetings are held on the third Wednesday of the every month at 7 p.m. in City Hall, Conference Room C. For more information, call staff liaison David Stillman at 408.777.3249.

If you wish to send an e-mail to the Bicycle Pedestrian Commission, please use the following email address:
bikepedcommission@cupertino.org

Commissioners



Gerhard Eschelbeck

Second term ending 1/30/23

geschelbeck@cupertino.org

[Biography](#)

BPC Webpage

- BPC Discussion 9-21-22
- Recommendation:
 - Subcommittee to suggest more measurable objectives
 - Update commissioner profiles

Bicycle Pedestrian Commission

Bicycle Pedestrian Commission Website

End Slide



CUPERTINO

October 19, 2022

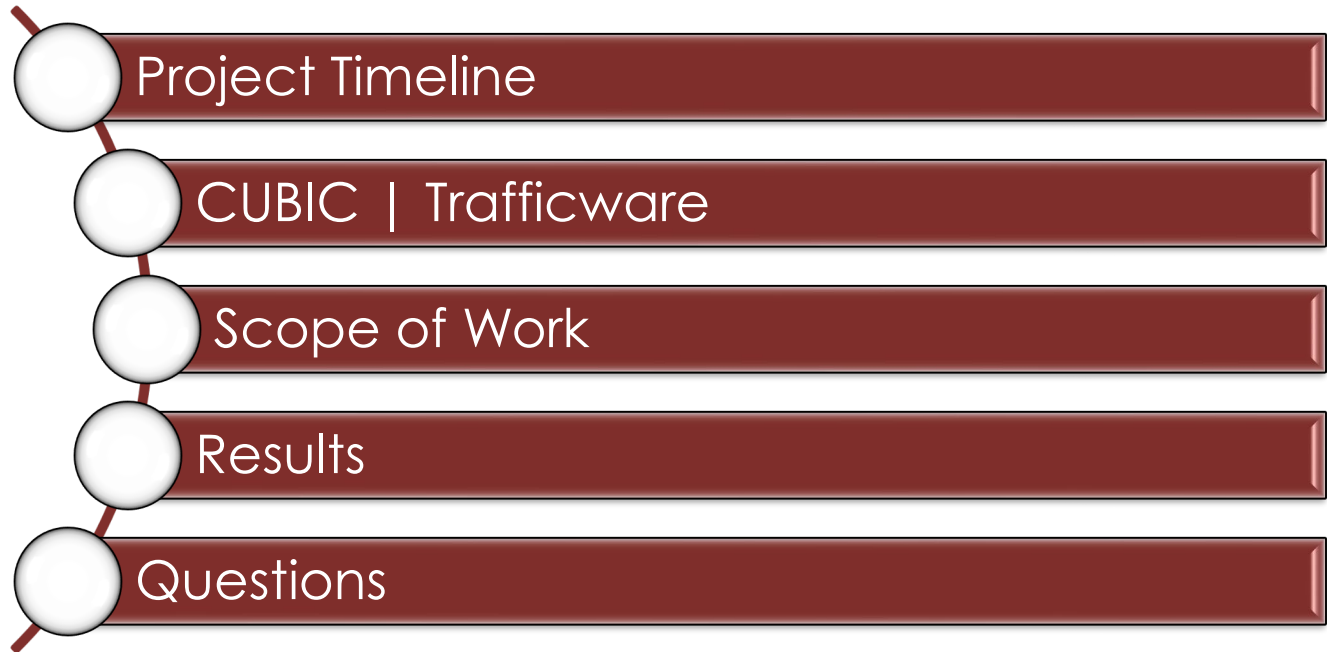
Bike / Ped Commission

Pilot: Adaptive Traffic
October 19, 2022



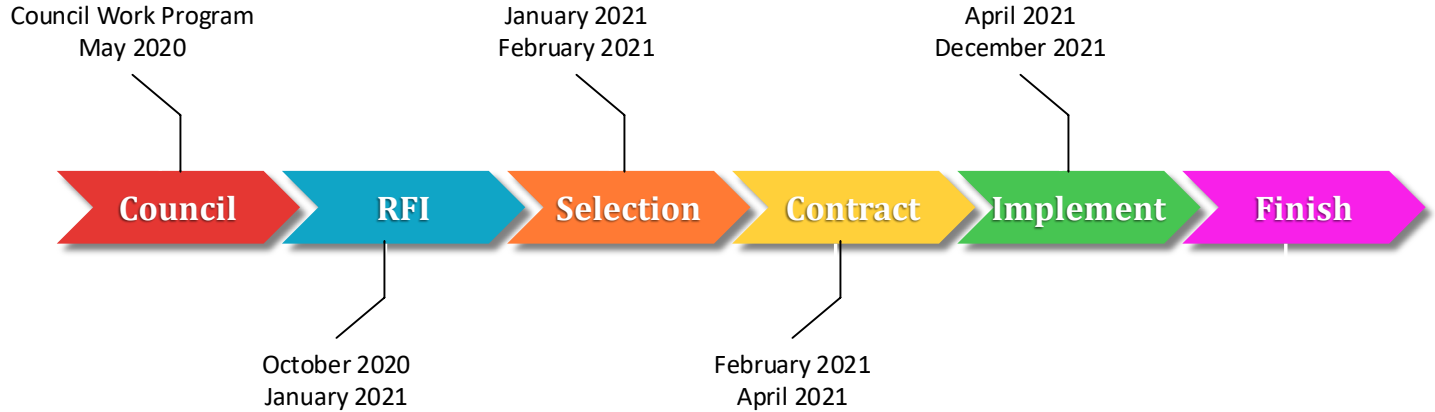
Pilot: Adaptive Traffic

Agenda

- 
- Project Timeline
 - CUBIC | Trafficware
 - Scope of Work
 - Results
 - Questions

Pilot: Adaptive Traffic

Project Timeline



Pilot: Adaptive Traffic

CUBIC | Trafficware

- Specialize in Transportation Systems
- Trafficware Acquisition 2018
- 200 Professional Staff
- Heavy Presence in Western US
- Reference Cities: Trafficware SynchroGreen
 - Santa Clara County
 - Palo Alto
 - Lynnwood, WA

Pilot: Adaptive Traffic

Scope of Work

- Goal: Reduce Traffic Time and Delays
- Implement SynchroGreen & Gridsmart at 4 Intersections
 - DeAnza @ Mariani
 - DeAnza @ 280N
 - DeAnza @ 280S
 - DeAnza @ Homestead
- Field Investigation – Correct Deficiencies
- System Programming

Pilot: Adaptive Traffic

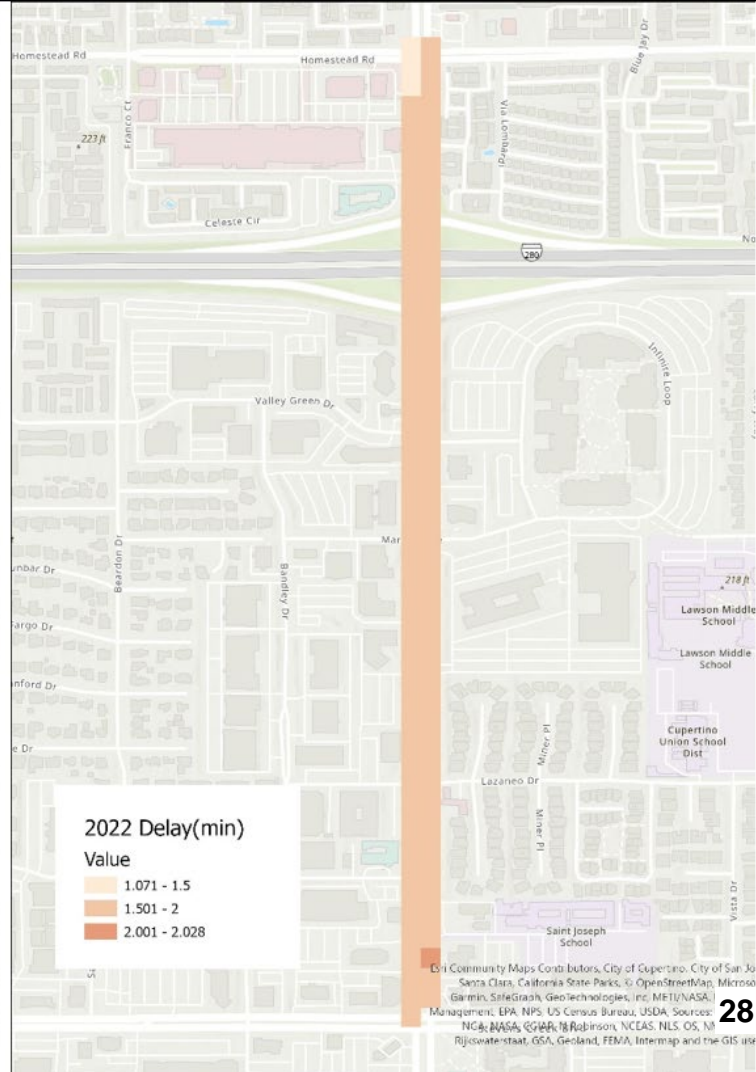
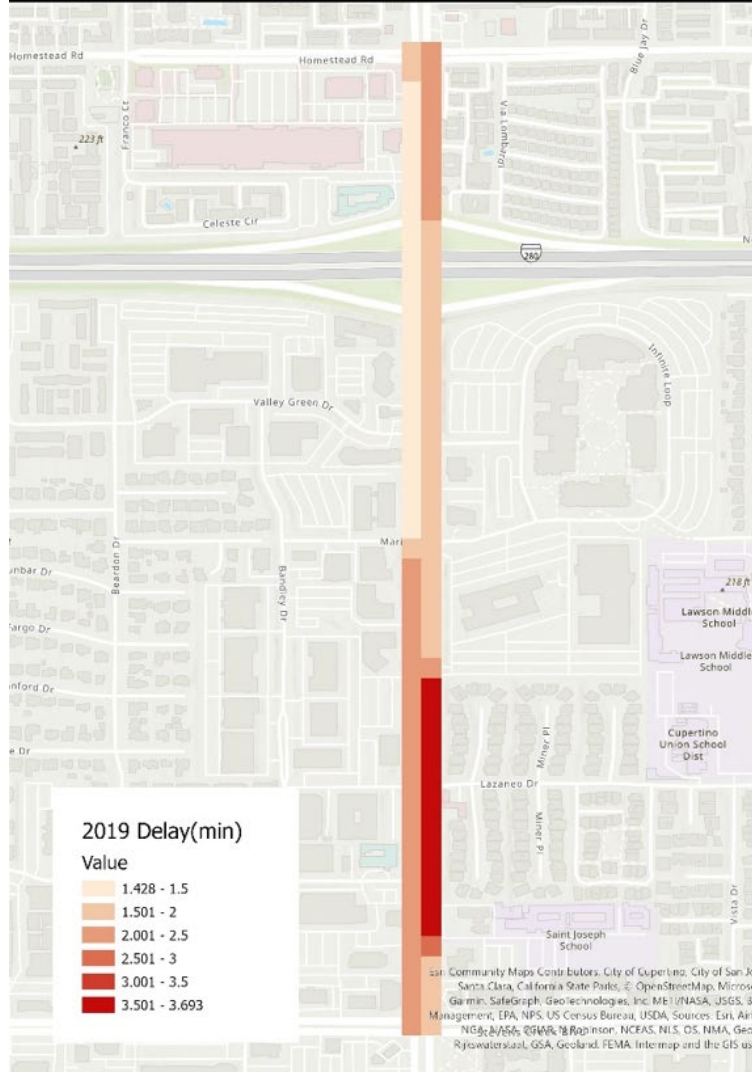
Scope of Work

- Field Installation
- System Activation, Testing, Adjustment, Acceptance
- Training
- Ongoing Support

Pilot: Adaptive Traffic

Results

- Enhanced Team Skillset
 - Implementation & Operation of Adaptive Traffic Technology
- Updated Traffic Infrastructure
 - Ethernet replaced Serial
 - Fiber versus Twisted Pair
 - Latest Generation of Controllers
- Average Traffic Delay Reduced by 3 Min?
 - COVID Pandemic Impact



Questions

ANY
QUESTIONS?

A hand holding a piece of white chalk, pointing at the question mark on a chalkboard. The chalk is positioned at the bottom right of the question mark, as if about to write or emphasize it.

Bicycle Pedestrian Commission



CUPERTINO

October 19, 2022

Bicycle Pedestrian Commission

Multi-Modal Traffic Counting



CUPERTINO

October 19, 2022

Multi-modal Traffic Count - Gridsmart

- Video detection at each intersection
- One or two cameras per intersection
- Zones defined to identify bikes, vehicles and pedestrians for signal detection and counting

Multi-modal Traffic Count - Gridsmart



Report Type

Ped Crosswalk Count

Aggregation

None

Interval

1 Hour

Dates

October - 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

Download

Import

Time of Day

00:00 - 23:59

Multi-modal Traffic Count - Peds

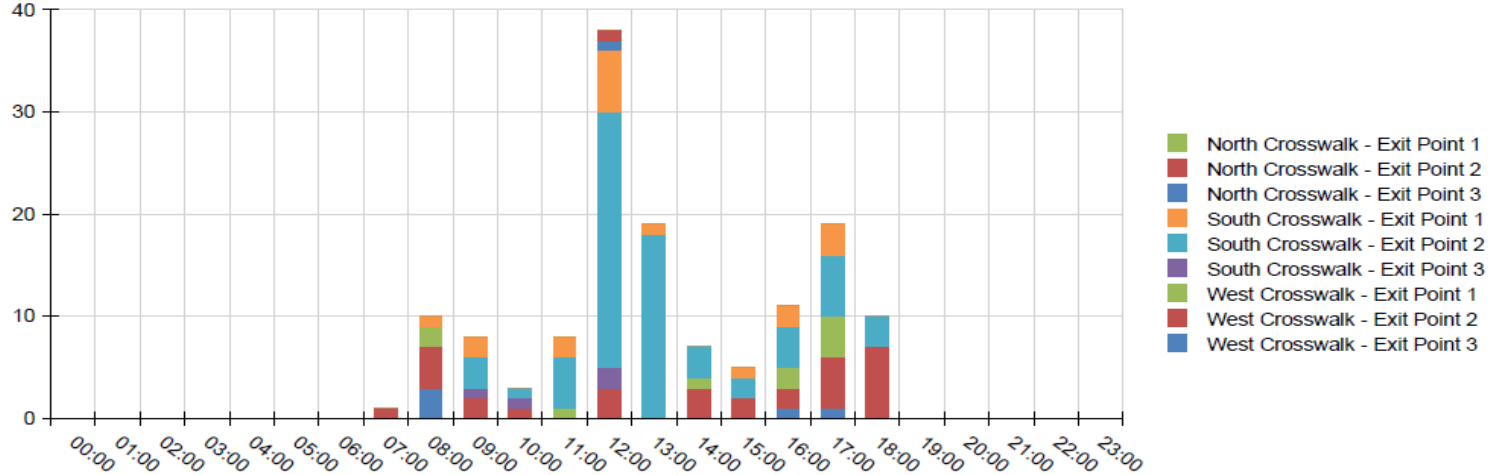
GRIDSMART[®]

Pedestrian Crosswalk Counts

Intersection N. De Anza Blvd & Mariani Ave

Date 10/17/2022

	Exit Point 1	Exit Point 2	Exit Point 3	Total
North Crosswalk		1	1	2
South Crosswalk	18	70	4	92
West Crosswalk	10	30	5	45
Total	28	101	10	139



Multi-modal Traffic Count - Peds

Intersection N. De Anza Blvd & Mariani Ave

Date 10/17/2022

	North Crosswalk		South Crosswalk			West Crosswalk		
	Exit Point 2	Exit Point 3	Exit Point 1	Exit Point 2	Exit Point 3	Exit Point 1	Exit Point 2	Exit Point 3
07:00							1	
08:00			1			2	4	3
09:00			2	3	1		2	
10:00				1	1		1	
11:00			2	5		1		
12:00	1	1	6	25	2		3	
13:00			1	18				
14:00				3		1	3	
15:00			1	2			2	
16:00			2	4		2	2	1
17:00			3	6		4	5	1
18:00				3			7	
Total	1	1	18	70	4	10	30	5

Multi-modal Traffic Count - Bikes

GRIDSMART®

Intersection N. De Anza Blvd & Mariani Ave
Date 10/17/2022

	Right	Through	Left	UTurn	Total
Northbound	4	4	2		10
Eastbound	1	2	1		4
Southbound	1	9			10
Westbound		4			4
Unassigned					
Total	6	19	3		28

Bike Turning Movement Counts

	Northbound				Eastbound				Southbound				Westbound				Unassigned		
	R	T	L	U	R	T	L	U	R	T	L	U	R	T	L	R	T	L	
00:00																			
01:00																			
02:00																			
03:00																			
04:00																			
05:00																			
06:00																			
07:00																			
08:00			1	1		1					1								
09:00	1							1			1				1				
10:00										1					1				
11:00				1				1			1				1				
12:00				1															
13:00	2																		
14:00											3								
15:00	1									1									
16:00											1								
17:00				1															
18:00				1							2				1				
19:00																			
20:00																			
21:00																			
22:00																			
Total	4	4	2		1	2	1		1	9			4						

Multi-modal Traffic Count - Bikes

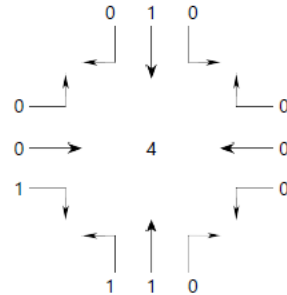
GRIDSMART®

Bike Turning Movement Counts

Intersection N. De Anza Blvd & Mariani Ave
Date 10/17/2022

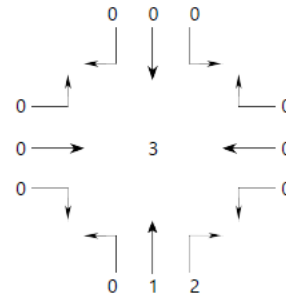
AM PEAK HOUR VOLUME (0:00-10:45)

FROM 08:00 TO 09:00



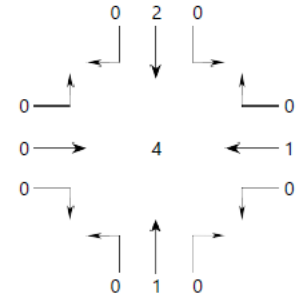
MID-DAY PEAK HOUR VOLUME (11:00-14:00)

FROM 12:15 TO 13:15



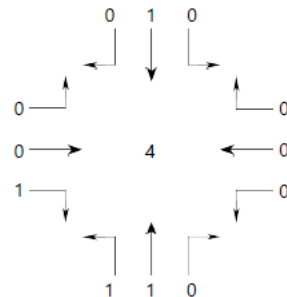
PM PEAK HOUR VOLUME (14:15-23:45)

FROM 17:45 TO 18:45



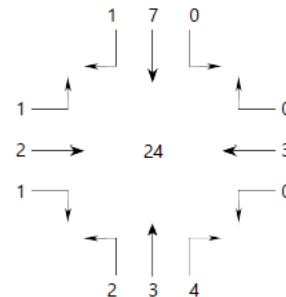
OVERALL PEAK HOUR VOLUME

FROM 08:00 TO 09:00



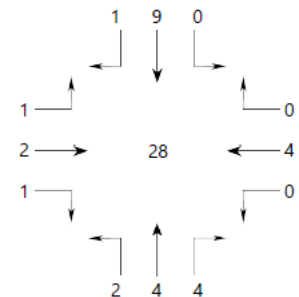
DAYTIME TOTAL VOLUME

FROM 07:00 TO 18:00



SELECTED TIME VOLUME

FROM 00:00 TO 23:59



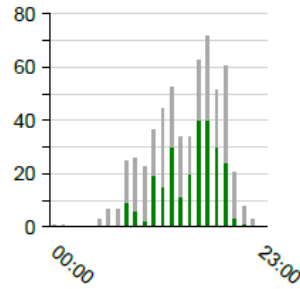
Multi-modal Traffic Count – Arrivals on Green

GRIDSMART

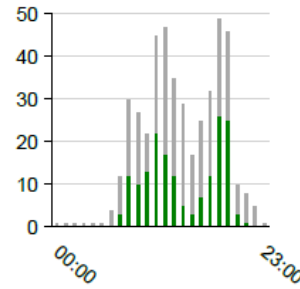
Intersection N. De Anza Blvd & Mariani Ave
Date 10/17/2022

Volume & Percent Arrivals on Green

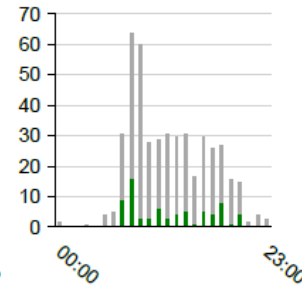
Phase 1



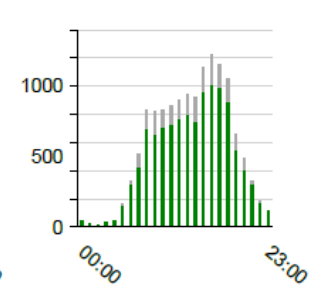
Phase 2



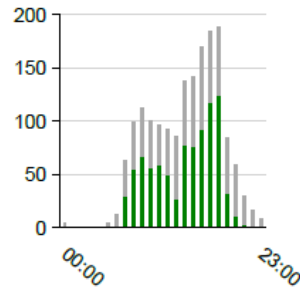
Phase 3



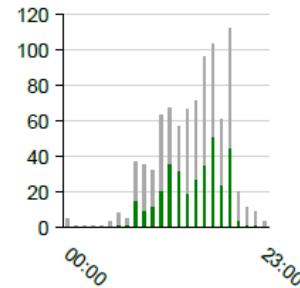
Phase 4



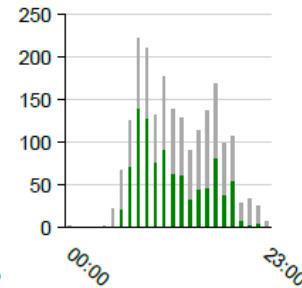
Phase 5



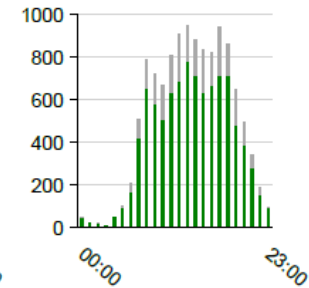
Phase 6



Phase 7

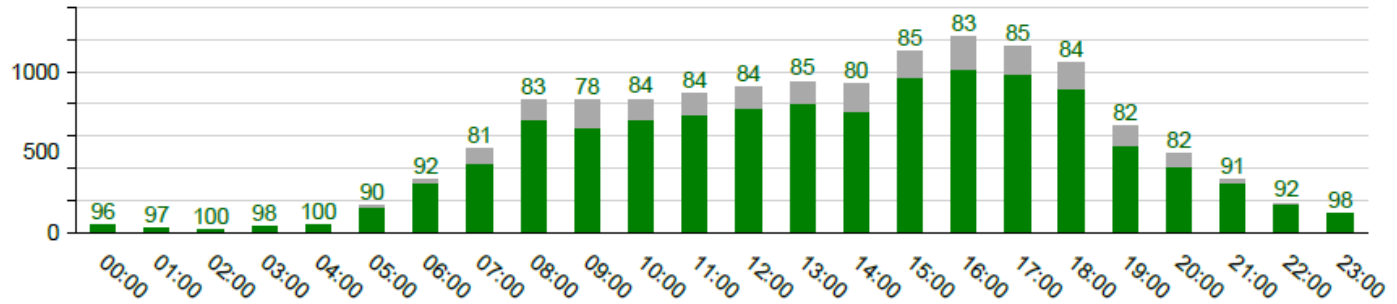


Phase 8

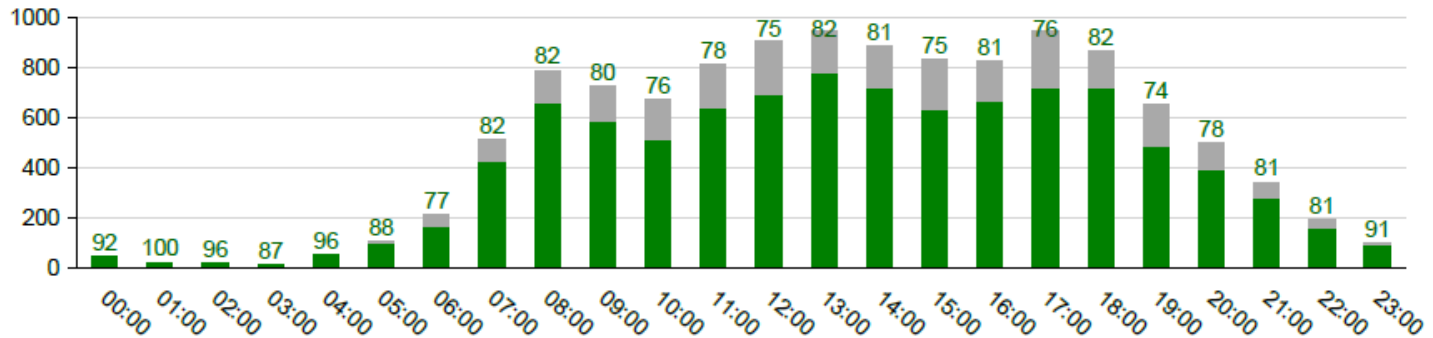


Multi-modal Traffic Count – Arrivals on Green

Phase 4



Phase 8



Bicycle Pedestrian Commission

Multi-Modal Traffic Counting

End Slide



CUPERTINO

October 19, 2022

Bicycle Pedestrian Commission



CUPERTINO

October 19, 2022

Bicycle Pedestrian Commission

Bicycle Facilities



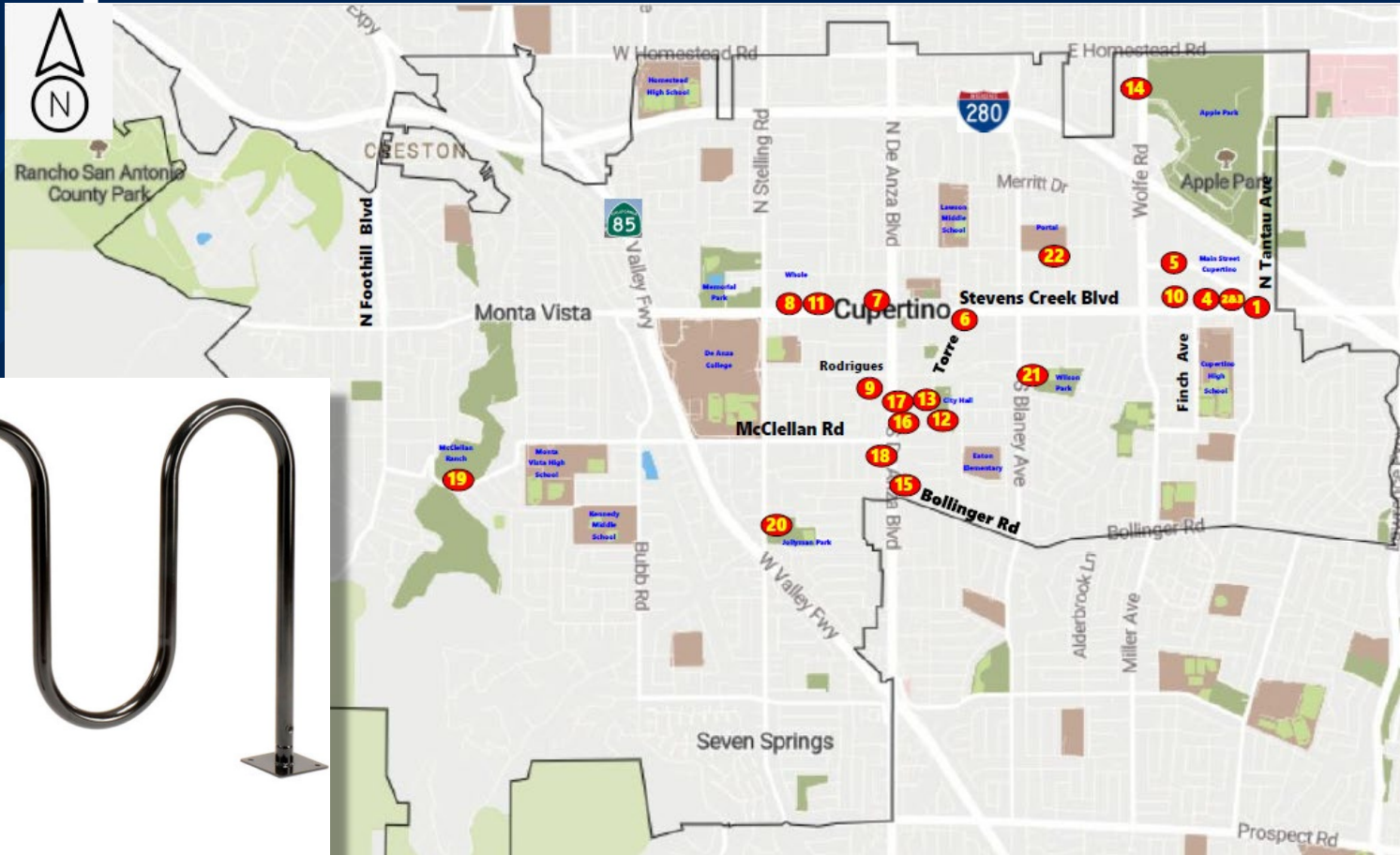
CUPERTINO

October 19, 2022

Bicycle Facilities

- Workplan Item FY22-23
- BPC Discussion 8-17-22
- Recommendation:
 - Return to BPC with list of recommended locations for bicycle facilities
 - Review building codes and planning requirements related to new developments

Bicycle Facilities – Proposed Locations



Bicycle Facilities – Proposed Locations

- 1) NW corner of Stevens Creek Blvd and Tantau Ave
- 2) E. of Stevens Creek Blvd and Lazy Dog driveway
- 3) W. corner of Stevens Creek Blvd and Lazy Dog driveway
- 4) NE corner of Stevens Creek Blvd and Main St
- 5) 300' E. of Wolfe Rd/Vallco Parkway (EB)
- 6) SE corner of Stevens Creek Blvd and Torre Ave
- 7) NW corner of Stevens Creek Blvd and De Anza Blvd
- 8) W. of Stevens Creek Blvd and Whole Foods driveway
- 9) SW corner of De Anza Blvd and Rodrigues Ave
- 10) In front of Target at Stevens Creek Blvd/Main St
- 11) E. of Stevens Creek Blvd and Whole Foods driveway

Bicycle Facilities – Proposed Locations

- 12) Cupertino Library Park (Requires concrete pad)
- 13) Town Center Ln
- 14) NW corner of Wolfe Rd and Apple Parkway
- 15) NE corner of De Anza Blvd and Bollinger Rd, near the bus stop
- 16) NE corner of De Anza Blvd and Civic Park Ln
- 17) SE corner of De Anza Blvd and Town Center Ln
- 18) SW corner of De Anza Blvd and McClellan Rd. (north of bus stop)
- 19) McClellan Ranch Parking Lot
- 20) Jollyman Park
- 21) Wilson Park
- 22) Portal Park

Bicycle Pedestrian Commission

Bicycle Facilities

End Slide



CUPERTINO

October 19, 2022

VTA BPAC Report

Reporting on selected items

For the Oct 12, 2022 VTA BPAC meeting

Erik Lindskog

Criteria for the 2016 Measure B Bicycle & Pedestrian Planning Studies Competitive Grant Program

Criteria for the 2016 Measure B Bicycle & Pedestrian Planning Studies

Criterion	Max Points
1. Community Engagement	20
2. Gap closure	20
3. Connections to Schools, Transit, Employment Centers, or Key Community Destinations	20
4. Safety	20
5. Targets Communities of Concern Equity Considerations	15
6. Non-2016 Measure B Contribution	5
Tiebreaker: Geographic Distribution	-
TOTAL	100

Moved 5 points from the 'Equity Considerations' criteria to the 'Geographic Distribution' tiebreaker and make it a criteria.

Guaranteed Ride Home Pilot Program - Proposal

Guaranteed Ride Home Pilot Program - Proposal

Guaranteed Ride Home Process

10.a



Step 1

Register for GRH via website/mail



Step 2

Participant has an emergency



Medical



Family



Overtime



Vanpool/Shuttle
breaks down



Step 3

Participant pays for ride and obtains receipt



Step 4

Participant submits ride receipt,
receives reimbursement in 30 – 45 days



Adult Bicycle Education

Adult Bicycle Education

- VTA and SVBC will be developing bicycle education videos as part of the Adult Bicycle Education Program
- SVBC will write the scripts
- VTA will film, edit, and publish
- VTA staff is looking for your help on what videos would be helpful for your communities



CITY OF CUPERTINO

Agenda Item

22-11754

Agenda Date:
11/16/2022 Agenda #: 2.

Subject: September 8, 2022 Parks and Recreation Commission, Planning Commission, and Bicycle Pedestrian Commission Joint Special Meeting Minutes

Approve September 8, 2022 Minutes



**CITY OF CUPERTINO
PARKS AND RECREATION COMMISSION
BICYCLE PEDESTRIAN COMMISSION
SUSTAINABILITY COMMISSION
Teleconference Joint Special Meeting
Thursday, September 8, 2022
6:30 PM
DRAFT MINUTES**

Chair Xu called the meeting to order at 6:30 p.m. via remote teleconference.

ROLL CALL

Parks and Recreation Commissioners:	Xiangchen (Minna) Xu, Sashikala Begur, Gopal Kumarappan, Carol Stanek, Seema Swamy
Bicycle Pedestrian Commissioners:	Ilango Ganga, Jack Carter, Erik Lindskog, Grace John, Gerhard Eschelbeck
Sustainability Commissioners:	Anna Weber, Meera Ramanathan, Sonali Padgaonkar, Steve Poon
Commissioners absent:	Vignesh Swaminathan (Sustainability)
Staff present:	Rachelle Sander, Jessica Javier, Jenny Koverman, Lisa Cameli, Susan Michael, Matt Morley, Chad Mosley, Kimberly Lunt, Gilee Corral, Andre Duurvoort
Guest speakers:	Alicia Fennell, Jeff Danner, Forrest Richardson, Taylor Peterson

ORAL COMMUNICATIONS

Rhoda Fry expressed concerns regarding the Blackberry Farm slide removal.

Peggy Griffin expressed concerns regarding the Blackberry Farm slide removal. Also requested consideration of restroom renovations for all parks due to accessibility issues.

Lisa Warren expressed concerns regarding the Blackberry Farm slide removal.

WRITTEN COMMUNICATIONS

None

NEW BUSINESS

1. Subject: Consider an update on Fiscal Year 2021-22 City Work Program item regarding the Blackberry Farm Golf Course Needs Assessment

Recommended Action: Receive the public survey and Outreach Summary Report for the Blackberry Farm Golf Course Feasibility Study and provide input and feedback on next steps regarding alternatives for future use of the golf course.

Written Communications for this item included emails to the Parks and Recreation, Bicycle Pedestrian, and Sustainability Commissions.

Matt Morley, Director of Public Works, introduced Alicia Fennell, Cascadia Consultant, to introduce the item. Alicia introduced the item and provided an overview of the staff and consultants working on the project. Alicia introduced Lisa Cameli, Project Manager, who presented an overview of the project background and the two alternatives. Alicia then presented on the community engagement process and survey results.

Commissioners asked clarifying questions.

Chair Xu opened the public comment period and the following people spoke.

Connie Cunningham, Cupertino resident, supported restoration to natural habitat and emphasized there should be no removal of existing trees.

Muni Madhhipatla, Cupertino resident and Cupertino Planning Commission Vice Chair, supported keeping the golf course.

Annie Yang, Cupertino resident, supported restoration to natural habitat. If the City decided to keep the golf course, recommended adding wildlife habitat as an improvement such as complex native vegetation structures at the edges of the golf course, restoration of the ponds, trees, and avoiding additional netting.

Richard Lowenthal supported keeping the golf course, watering only the greens to help reduce the water use, and potentially closing the golf course one day a week to allow for public use of picnicking.

Peggy Griffin supported keeping the golf course, picnicking on Sundays, replacing the trees that have been removed, restoring the ponds with natural vegetation and water, adding habitat islands, and raising the fees at the golf course.

Lisa Warren supported keeping the golf course.

Carol Ovelman commented that the City should consider using reclaimed water.

Keith Kreft, supported keeping the golf course, increasing the number of rounds, and increasing fees at the golf course.

Nick Bailey supported keeping the golf course and investing in a feasibility study to look at using recycled water.

Rose Grymes, Cupertino resident, supported restoration to natural habitat, providing an environment for aquatic life, birds, and insects, and water sustainability.

Andi, Cupertino resident, supported restoration to natural habitat.

Peggy Plato supported keeping the golf course and raised concerns regarding golf course revenue considering fees have not been increased.

Daniel Wong supported keeping the golf course and recommended looking into native grasses to make it more drought friendly.

Wing Law, Cupertino resident, supported keeping the golf course.

John Ennals, Cupertino resident, supported keeping the golf course, changing the irrigation, and changing the greens to ones that use less water.

Maria Gatto, Cupertino resident, supported keeping the golf course and looking into using recycled water or adding in turf.

Elaine, Cupertino resident, supported keeping the golf course, opening it one day a week for people to walk and picnic, and using recycled water.

Rhoda Fry, Cupertino resident, supported keeping the golf course, adding in natural habitat to the golf course, and raising fees.

Bob, Cupertino resident, supported restoration to natural habitat.

Emmy Moore-Minister, supported keeping the golf course.

Don Halsey, supported keeping the golf course and presented on slides that are included in the written communications.

Keith Wandry raised concerns about the chemicals used on the golf course.

Alan Takahashi, Cupertino resident, supported keeping the golf course and using reclaimed water.

Vice Chair Weber left the meeting at 8:45 p.m.

Chair Xu closed the public comment period and called for a five-minute break at 9:06 p.m. Chair Xu resumed the meeting at 9:12 p.m. and commissioners made comments.

Commissioner Stanek commented that if Council decides to keep the golf course, then she strongly recommended reclaimed or recycled water, not watering between the tees and the greens, and opening the golf course two to three days a week to the public to utilize the space in an alternative way. If Council decides to convert the golf course to natural habitat, then she recommended working with Sunken Gardens and Deep Cliff to offer Cupertino seniors discounted rates to play golf and consider using part of the site as a healing garden.

Vice Chair Begur commented that there needs to be data surrounding utilization of recycled water, alternative options for grass, and allowing the grass to go brown. Recommended looking at statistics for the next 10 years versus the next 25 years. Regarding restoration of natural habitat, raised concerns about the fire study and preventing housing in the future. Recommended there be more information provided to the Commission(s) before a decision can be made.

Commissioner Kumarappan raised concerns regarding the data presented and utilization of recycled water. Strongly recommended that the data be updated and presented back to the Parks and Recreation Commission. Commented that there could be merging of the two options to allow for a potential third option that keeps both the golf course and adds in natural habitat.

Commissioner Poon supported keeping the golf course. Recommended finding ways to reduce water usage and bring recycled water in regardless of how long it will take.

Chair Ganga commented that increasing revenue needs to be looked at so that any improvements will pay for itself and more. Raised concerns regarding capital costs for the natural habitat. Supported using the existing golf course in a more efficient way and protecting the current investment. Recommended more data be presented and there be a recommendation from the joint commissions to the Council.

Commissioner Swamy supported comments made by Commissioner Kumarappan and Vice Chair Begur and strongly recommended there be more information provided

before taking it to Council. Commented that there needs to be an understanding of artificial turf and the potential implications to the environment, and whether the City keeps control of the land if it remains a golf course or restoration to natural habitat. Raised concerns regarding re-zoning of the land.

Commissioner Padgaonkar supported comments made by Commissioner Kumarappan and agreed that more information be provided. Recommended contacting other cities to research and understand how they implement water sustainability.

Vice Chair Carter commented that there is a need to look at whether this is going to enhance Cupertino in terms of its recreational value verses the cost. Recommended there be a decision amongst the options, once a decision is made to either keep the golf course or have open space, then looking at the financial implications. Raised concerns regarding traffic on the road to Blackberry Farm if the parking lot is expanded.

Commissioner Eschelbeck supported Vice Chair Carter's comment regarding deciding first between the options and then working towards a plan. Raised concerns regarding conversion to natural habitat and expressed that it is a one-way option and that should be considered.

Chair Xu shared information on the history of the item. Recommended revisiting the option to expand the club house, decreasing areas where water is needed, and changing another place to natural habitat.

Director Morley thanked the commissions and staff will work on consolidating the information and determining next steps.

ADJOURNMENT

Chair Xu adjourned the meeting at 9:58 p.m.

Respectfully Submitted by,

Jessica Javier, Administrative Assistant
Parks and Recreation Department

Minutes approved by the Parks and Recreation Commission at their 10.06.22 meeting

Minutes approved by the Sustainability Commission at their 10.20.22 meeting

Minutes approved by the Bicycle Pedestrian Commission at their _____ meeting

Parks and Recreation, Bicycle
Pedestrian, and Sustainability
Commissions

Special Joint Meeting

September 8, 2022

Written Communications

Item 1

Consider an update on Fiscal
Year 2021-22 City Work Program
item regarding the Blackberry
Farm Golf Course Needs
Assessment

From: [Edson Whitehurst](#)
To: [City of Cupertino Parks and Recreation Commission](#); [City of Cupertino Bike and Ped Commission](#); [City of Cupertino Sustainability Commission](#)
Subject: Sept 8 meeting and BBFGC
Date: Wednesday, September 7, 2022 1:35:17 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I wanted to offer comments on the future of Blackberry Farm Golf Course. I have been playing at BBFGC for over 25 years. I am also a member and past president of the Blue Pheasant Hackers, a golf league which has been playing at BBFGC since 1976. We even still have one founding member playing. Over the 47 years of its existence, the Hackers have had many members, at its height, over 90. It has been a great source of comradery and interaction.

Over the 25+ years I've been playing at BBFGC, it has become a second home. I cannot imagine how my life would be different without it. All the friends and relationships over the years. I have met people from all ages and walks of life and all over the world. There is no other place (or golf course) like it.

It seems to me that if the decision was being made over an empty, unused piece of land, the arguments for both sides, and the considerations overall, would be completely different. But we are talking about destroying something to replace it with something else. And I intentionally used the word 'destroy', because once it's gone, there will never be another. It will never be rebuilt, newly built, or anything. It will be gone forever. Natural Habitats can be built, created, recreated, almost anywhere. And very likely will in the future whatever the decision on this particular plot of land. There WILL BE more (and that is a good thing).

But there will NEVER be another place like Blackberry Farm Golf Course. Once it's gone, it's gone. Where many people over the years learned to play golf. Friends and families from all over the bay area (and the world for that matter) have met and gathered. Children as young as 6 learning to play with their parents, to retirees in their 80's and 90's. I've met parents who learned to play at BBFGC when they were kids, bringing their children for the first time. I'm almost in tears thinking of all the friends and people I have met who have moved on from this world. All the people, moments, memories, and the possibility of future friends and moments and memories that will never happen.

It really breaks my heart.

Just my two cents I hope you take into consideration on this very difficult, and momentous decision.

Edson Whitehurst

From: [Charles Crane](#)
To: [City of Cupertino Parks and Recreation Commission](#); [City of Cupertino Bike and Ped Commission](#); [City of Cupertino Sustainability Commission](#)
Cc: [City Clerk](#); [City Council](#)
Subject: Blackberry Farm Golf Course
Date: Thursday, September 8, 2022 10:56:37 AM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

September 9, 2022

Dear Cupertino Commissioners and City Council,

I urge the city to keep the golf course Option A. Please do not replace it with natural plantings Option B. I am a retired fire chief and I am writing you to caution the city against considering Option B because it would create a health and safety hazard to nearby homes. Replacing the irrigated golf course with natural habitat creates a Wildland Urban Interface (WUI) issue which increases the hazards of wildfire. Recent days further show that we are entering a period of extreme weather which will further aggravate the situation. Additionally, the city has drastically underestimated the cost of maintaining this land once the watering stops. Keeping the underbrush short enough to prevent a wildfire risk is not feasible. The golf course greens provide natural fire breaks. One only needs to look at the fires that approached Silverado Golf course in Napa just a short time ago. In this case the fires came from outside of the golf course, but the golf course served as a natural fire break, saving many other homes. If not for any other reason, the City of Cupertino should retain the Blackberry Farm Golf Course to protect its citizens from fire.

Sincerely,



Charles Crane
BC Retired

--

Charles Crane

Director of Emergency Services

O: [844-623-3946 ext. 710](tel:844-623-3946)

M: [415-377-8888](tel:415-377-8888)

E: 1-800-262-7387

[1570 Wistaria Lane, Los Altos, CA](mailto:1570.Wistaria.Lane.LosAltos.CA)

94024



From: [Don Halsey](#)
To: [City of Cupertino Parks and Recreation Commission](#)
Cc: [Jim Lee](#); [Mehul Dholakia](#)
Subject: Slides to be presented at 9/8 P&R meeting
Date: Thursday, September 8, 2022 4:18:21 PM
Attachments: [Slides for Parks and Rec on 9-8-22 r00.pdf](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I have registered to make comments during tonight's meeting. I would like to share this document / visual material so the slides can be presented during item 1 E (Analysis of Comparative Costs ...). I will have 2 co-presenters, Jim Lee and Mehul Dholakia, both Cupertino residents. I might have another person from our group "Friends of Blackberry Farm golf" attend the meeting virtually. If so I think we will have 8 minutes to present.

Thank You

Don Halsey
650 996 3021

Public Comments
to
Cupertino Parks and Recreation Commission
about
Blackberry Farm Golf vs. Natural Habitat

9/8/22

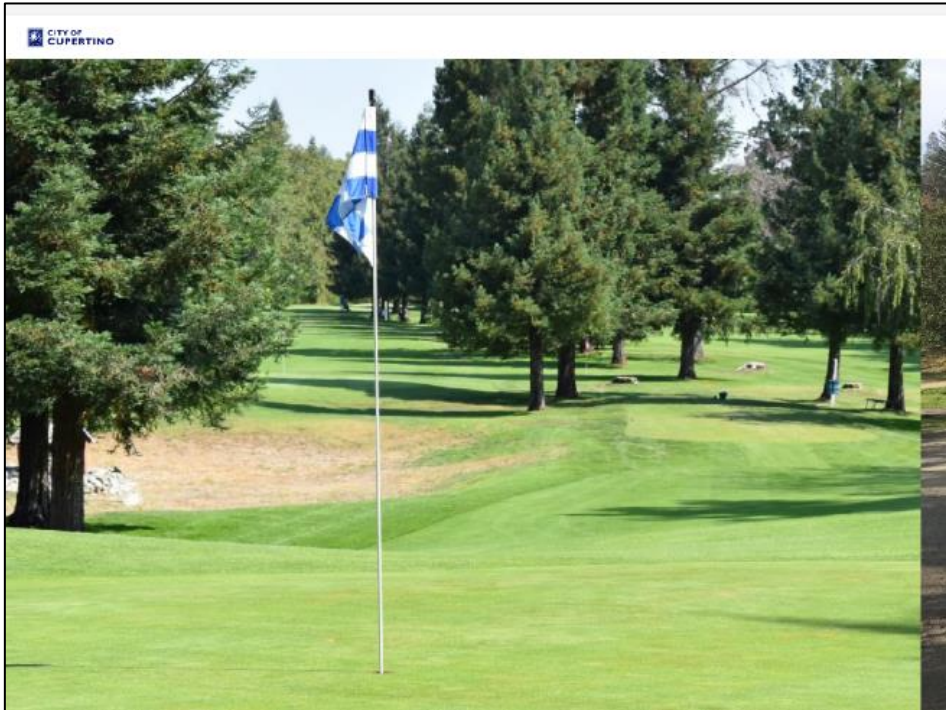
Friends of Blackberry Farm Golf

Contacts: Don Halsey 650 996 3021 or donhalsey3021@gmail.com
Next Door group: <https://nextdoor.com/city/cupertino--ca/>

(E) Blackberry Farm Course
Use Analysis and Comparative Costs – 25
Year Outlook

2 ways golf course revenue can be increased

Quick overview of Costs and Revenue



Blackberry Farm Golf Course Feasibility Study



Blackberry Farm Golf Course was constructed in 1962 and was privately owned until 1991, when the City of Cupertino purchased the property. The City has operated the golf course since that time. It is a 1,544 yard, 9-hole, par-29 course and lies within the Stevens Creek Corridor. For several years, portions of the course have needed repairs and improvements, including extensive improvements to the irrigation system.

In 2014, the City began working on a new Master Plan for the Stevens Creek Corridor (SCCMP). Its goal was to create an updated vision and plan for the public lands along Stevens Creek, from McClellan Road northward to Stevens Creek Boulevard. Among the sites addressed by this Master Plan was the Blackberry Farm Golf Course. City Council reviewed several options for the creek corridor in addition to a report regarding the Blackberry Farm Golf Course, prepared by National Golf Foundation (NGF) Consulting.

In 2016, a feasibility study for a draft preferred alternative for the golf course was presented to the City Council. The City Council chose not to take any action at that time, and the Stevens Creek Corridor Master Plan was put on hold until the completion of the Parks and Recreation System Master Plan. The Parks and Recreation System Master Plan ([found here](#)) was completed and adopted on February 18, 2020.

In May 2021, the City Council included a needs assessment to identify options for short and long-term improvements for the golf course in the Fiscal Year 2021-2022 City Work Program. In June 2021, City Council further directs staff to study 1) conducting necessary repairs and minor improvements to the golf course and 2) discontinuing the use of the site as a golf course and restoring the site to natural habitat and trails.

The City has moved into the community input phase and is looking for community members to share their feedback on the preferred future use of the Blackberry Farm Golf Course site.



**Blackberry Farm Golf Course Use Analysis
Comparative Costs - 25 Year Outlook**

		Option A	Option B
Item #	Item	Repair Golf Course	Natural Habitat
1	Capital Cost	\$1,970,000	\$1,882,825
2	Total O&M Expenditure (0-25 yr)	\$17,626,250	\$10,720,594
	O&M Expenditure Breakdown		
	2A Irrigation Water Cost ***	\$1,575,000	\$100,800
	2B Sewer Discharge Cost	\$525,000	\$297,200
	2C City Labor Costs	\$7,569,500	\$9,591,844
	2D Contracted O&M Services	\$7,610,000	\$562,000
	2E O&M Miscellaneous	\$346,750	\$168,750
3	Estimated Revenue (0-25 yrs)	\$9,378,624	\$500,000
4	O&M Expenditure minus Revenue (0-25 yrs)	\$8,247,626	\$10,220,594
5	Total Cost minus Revenue (0-25 yrs)	\$10,217,626	\$12,103,419
6	Irrigation Water Use (0-25 yrs) Gallons*	168 to 212 million Gallons	14 million Gallons
7	Grant Funding Potential**	N/A	\$600,000

Golf course costs the city more!

But golf course makes a LOT more revenue.

Altogether, golf course is \$2 million more favorable

<https://engagecupertino.org/bbfgolcourse>

Blackberry Farm non-resident greens Fee is \$18.00

Sunken Gardens, a similar course, has a weekday non-resident rate of \$23.00.
 (For residents it is \$16 and \$21.)

28% more

Rates	
Weekdays	\$22.00
Weekends	\$24.00
Holidays	\$24.00
Seniors <i>60 years and older</i>	\$17.00
Valid weekdays only. Holidays excluded	
Juniors <i>17 years and under</i>	\$12.00
Valid 7 days a week including holidays	

22%

Pruneridge

WEEKDAY GREEN FEES (MONDAY - FRIDAY)			
Monday - Friday	\$41	Player's Club Members \$29	Senior Players Club Members (60+) \$25
9 Holes	\$26	\$21	\$19
Twilight	\$29		\$25
Super Twilight	\$26	\$21	\$19

44%

Deep Cliff

Other nearby 9 hole courses charge at least 20% more than Blackberry Farm

**Blackberry Farm Golf Course Use Analysis
Comparative Costs - 25 Year Outlook**

		Option A	Option B
Item #	Item	Repair Golf Course	Natural Habitat
1	Capital Cost	\$1,970,000	\$1,882,825
2	Total O&M Expenditure (0-25 yr)	\$17,626,250	\$10,720,594
	O&M Expenditure Breakdown		
	2A Irrigation Water Cost***	\$1,575,000	\$100,800
	2B Sewer Discharge Cost	\$525,000	\$297,200
	2C City Labor Costs	\$7,569,500	\$9,591,844
	2D Contracted O&M Services	\$7,610,000	\$562,000
	2E O&M Miscellaneous	\$346,750	\$168,750
3	Estimated Revenue (0-25 yrs)	\$9,378,624	\$500,000
4	O&M Expenditure minus Revenue (0-25 yrs)	\$8,247,626	\$10,220,594
5	Total Cost minus Revenue (0-25 yrs)	\$10,217,626	\$12,103,419
6	Irrigation Water Use (0-25 yrs) Gallons*	168 to 212 million Gallons	14 million Gallons
7	Grant Funding Potential**	N/A	\$600,000

← Table from Blackberry Farm Feasibility Study

- <https://engagecupertino.org/bbfgolcourse>
- Sunken Gardens: 28% premium
- Pruneridge: 22% premium
- Deep Cliff: 44% premium

- **If estimated revenue was increased 25% it would grow by \$2,344 656 to \$11,723,280.**
- **City could give the \$2.3 M extra to Cupertino teachers**
- **Or give a number of free season passes to Monta Vista HS golf team**
- **Or some other good purpose.**

**Blackberry Farm Golf Course Use Analysis
Comparative Costs - 25 Year Outlook**

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7	Grant Funding Potential**		N/A	\$600,000

Second way: Education

- \$500 K revenue under the Natural Habitat option
- \$20 K / year x 25 years
- A variety of ranger programs in classroom or on the trail
- how different plants and animals interact in an ecosystem ...
- how ancient people lived off the land ...
- how geologic processes have shaped the landscape ...
- ranger walks and interpretive programs ...
- animals and plants on the trail, the creeks, etc.

Examples of courses and venues

(Parks and Recreation brochure, Fall 2022)



Join-A-Ranger is park ranger-led, family-friendly programs in the Stevens Creek Corridor. These programs educate and entertain park visitors. City of Cupertino park rangers are your local experts, with plenty of stories and fascinating facts about steelhead trout, mountain lions, native raptors, the riparian ecosystem, local history, and more.

Join-A-Ranger: Wildlife Tracking 5Y+

Join the Park Rangers for a fun-filled wildlife tracking class. You'll learn about species identification through their tracks and sign-tracking. Become a nature detective and learn to read the ground like a storybook through the art of tracking. All attendees must register and children must be accompanied by an adult. Please wear sturdy walking shoes and long pants that can get dirty.

Environmental Education Center at McClellan Ranch Preserve						
Codes	Days	Times	Dates	Mtgs	R	NR
18468	Sa	1:00p-2:30p	9/17	1	\$6	\$8

Instructor/Recreation Staff

Join-A-Ranger: Night Hike and Flashlight Tour 5Y+

Come and enjoy a fun-filled Night Hike and Flashlight Tour of McClellan Ranch Preserve and Blackberry Farm! We will explore the woods and nature at night, learn about nocturnal animals' special adaptations, and test our heightened senses in the dark with games and activities. The hike is approximately one mile on a combination of dirt trails and paved paths. Please wear sturdy walking shoes, a warm jacket, and bring a flashlight or head-lamp. All attendees must register and children must be accompanied by an adult.

Environmental Education Center at McClellan Ranch Preserve						
Codes	Days	Times	Dates	Mtgs	R	NR
18470	Sa	5:30p-7:00p	11/12	1	\$6	\$8

Instructor/Recreation Staff

Join-A-Ranger: Apex Predators 5Y+

The Park Rangers invite you to an Apex Predator workshop! Learn about local Apex Predators like coyotes and owls, and how they play an important role in the ecology of their environment. All attendees must register and children must be accompanied by an adult. Please wear sturdy walking shoes.

Environmental Education Center at McClellan Ranch Preserve						
Codes	Days	Times	Dates	Mtgs	R	NR
18474	Su	10:00a-11:30a	10/30	1	\$6	\$8

Instructor/Recreation Staff



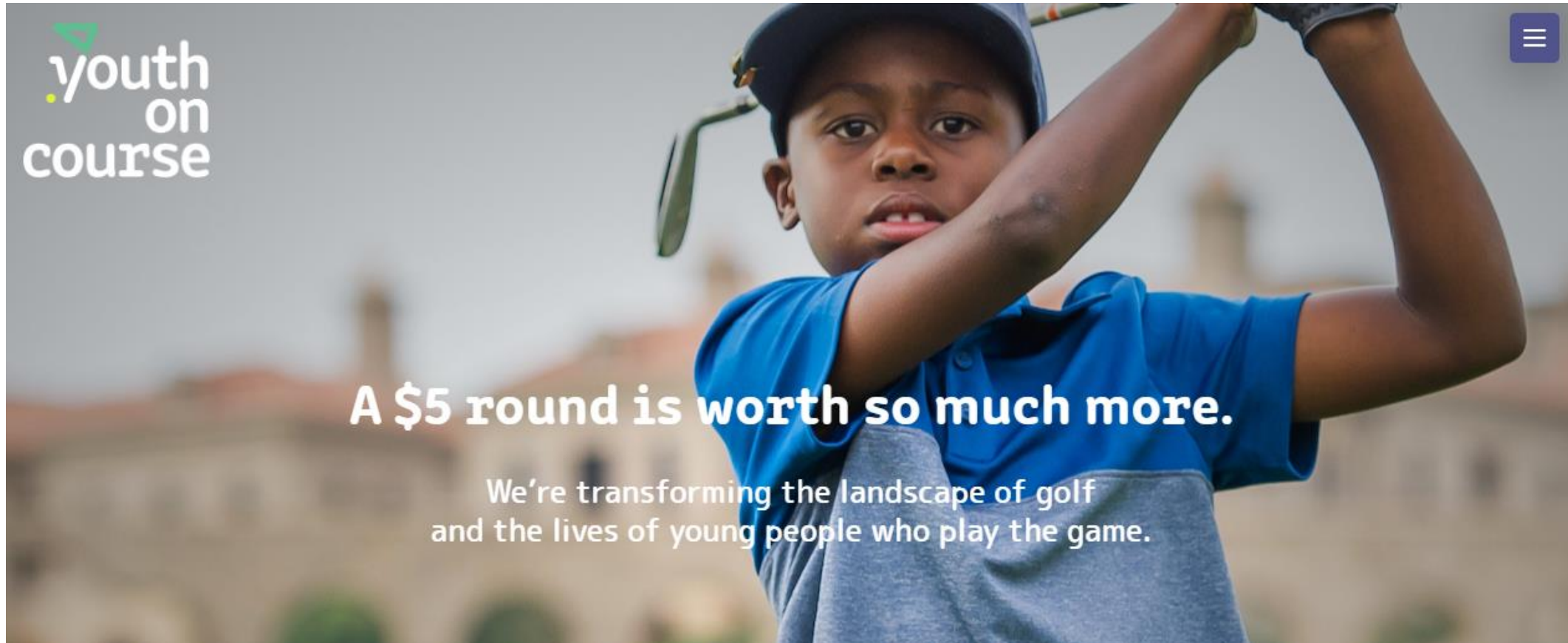
- Q: Is the \$500K of courses duplicative to courses already being offered? Perhaps.
- Q: Is the plowing up the fairways and greens required in order to give courses? No.
- Q: Will course subscribers repeat, or will the revenue tail off?
- A: Offer the new courses whether or not there is golf.
- Add \$500K to Alternative A side of the table also.



Blackberry Farm is
Cupertino's best location for
kids to get exposed to golf

Blackberry Farm golf – a family-oriented activity in Cupertino

- Youth On Course foundation





MEMBER STORIES

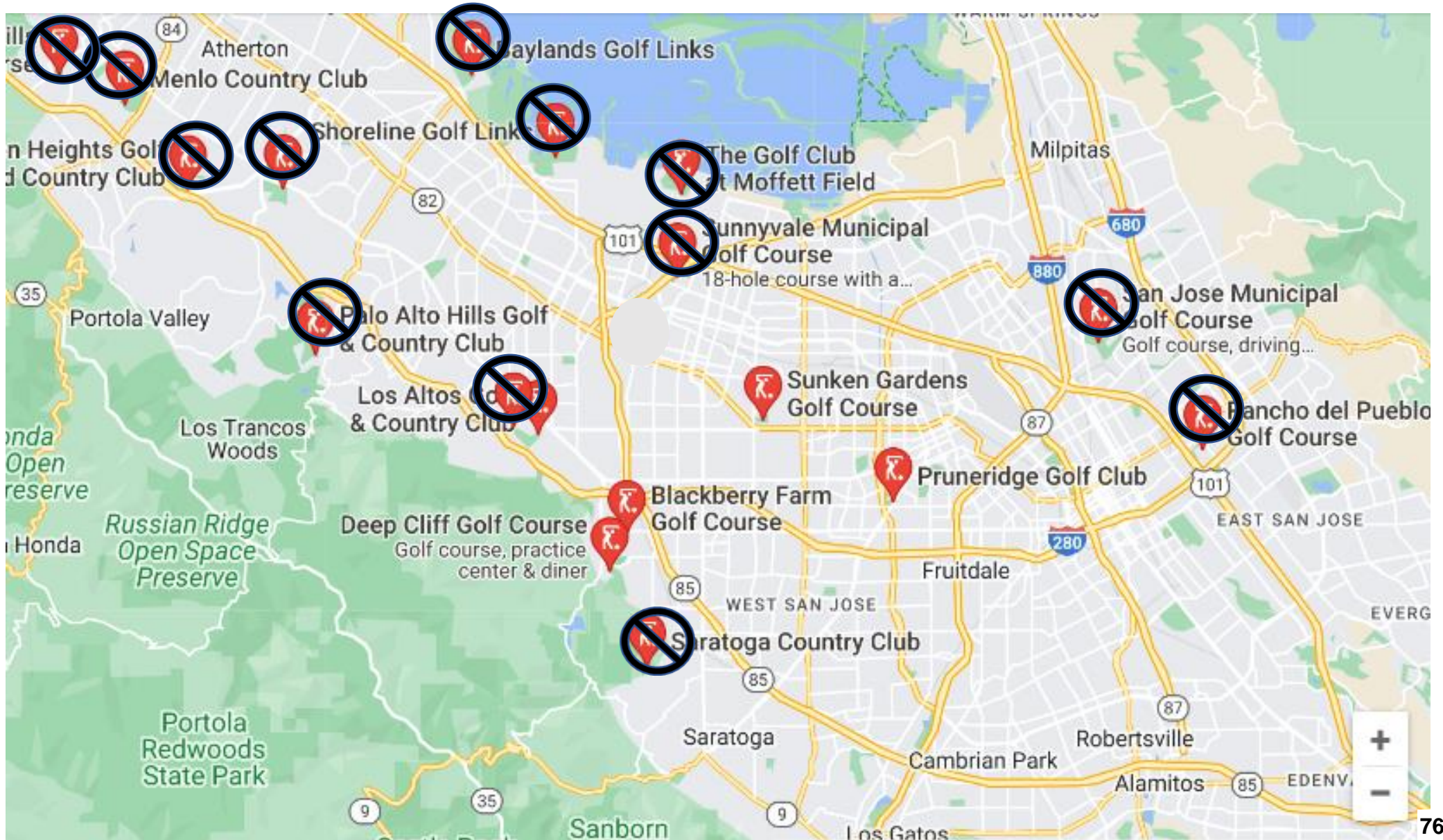
August 30, 2022

Celebrating 2 Million Youth on Course Rounds!

It took 15 years for Youth on Course members to play their first million...

- Blackberry farm is #13 out of 357 YOC courses in Northern California
- It is the ONLY course that does not have day or time restriction.
- Since 2018, YOC has subsidized more than 7,600 rounds of golf at Blackberry Farm for community youth.
- Those 7,600 rounds equate to tens of thousands of hours of physical activity, lifeskill development, and recreation that would go away if the course was closed.
- Nearly 2,500 of those rounds were in 2021.
- There are few other options available for kids and their families to play golf in and around the local area. Add statistics for BBF by itself

Availability of short / 9-hole courses



From: [EAC Chair](#)
To: [City of Cupertino Parks and Recreation Commission](#); [City of Cupertino Bike and Ped Commission](#); [City of Cupertino Sustainability Commission](#)
Cc: [Shani Kleinhaus](#); director@scvas.org; Ranif@scvas.org
Subject: Public Comment – Item 1: BBF Golf Course
Date: Thursday, September 8, 2022 4:34:46 PM
Attachments: [Cupertino Joint Commissions – BBF Golf Course.pdf](#)

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Dear Chairs and Commissioners of the Parks and Recreation Commission, Bicycle Pedestrian Commission, and Sustainability Commission,

Please see attached for our comments.

Regards,

Annie Yang

Annie Yang
Environmental Action Committee Chair
Santa Clara Valley Audubon Society
22221 McClellan Rd
Cupertino, CA 95014
eac@scvas.org



September 8, 2022

RE: Item 1 – Consider an update on Fiscal Year 2021-22 City Work Program item regarding the Blackberry Farm Golf Course Needs Assessment

Dear Chairs and Commissioners of the Parks and Recreation Commission, Bicycle Pedestrian Commission, and Sustainability Commission,

The Santa Clara Valley Audubon Society (SCVAS) is one of the largest National Audubon Society chapters in California. We are proud to be based at McClellan Ranch in Cupertino, right next to Blackberry Farm. Our mission is to promote the enjoyment, understanding, and protection of birds and other wildlife, and we have long advocated for increasing and protecting habitat that increases biodiversity. We are writing in support of Option B, conversion of the Blackberry Farm (BBF) Golf Course to natural habitat.

Conversion of the golf course to natural habitat not only saves a valuable resource, water, but will also add habitat value to the Stevens Creek corridor, an important wildlife corridor. Especially in our current extreme drought conditions, choosing an option that uses 90% less water seems wise. Besides the water savings, the increase in wildlife habitat will add to the ability of the City to support biodiversity. In a time when we are seeing massive bird loss and insect declines, every bit of land planted with native plants that supports a healthy ecosystem helps. This is especially important along riparian corridors, such as Stevens Creek, where good quality habitat is often threatened and fragmented in the South Bay. Connecting BBF to the rest of the Stevens Creek Corridor will provide a valuable connection of habitat.

We join the majority of the public survey respondents from Cupertino (57%) in favoring Option B. The amazing number of participants who want to see the site converted to natural habitat shows that bolstering natural ecosystems while providing more equitable enjoyment of the space is a popular choice in a time when we need to actively mitigate human impact on the climate and the environment. BBF and McClellan Ranch Preserve are popular birding areas for both beginner and experienced birders, with Anna's Hummingbirds, Acorn Woodpeckers, Chestnut-backed Chickadees, Red-breasted Sapsuckers, White-breasted Nuthatches, Brown Creepers, California Towhees, Red-shouldered and Red-tailed hawks, and many others easily spotted there. Improving the value of this stretch of riparian and grassland habitat will help these birds and other wildlife, such as the threatened steelhead trout. SCVAS already offers educational opportunities there, and we will be happy to partner with the City and Park Rangers to provide more ways for the public to appreciate and learn about our natural spaces.

The golf course as it stands today provides some habitat value; however, if the City chooses Option A, we strongly recommend adding wildlife habitat as an improvement to the golf course. Native vegetation should be added to the edges of the golf course. The ponds should be restored, and trees added. Complex vegetation structure should be used wherever possible. Additional netting should be avoided. Although we prefer Option B, we urge the City to make maximizing habitat value as a goal in either option. The City of Mountain View recently passed a Citywide Biodiversity Strategy through which it will integrate biodiversity outcomes into all private development and City projects and policies. We encourage Cupertino to do the same.

As stated on the Cupertino Parks and Recreation System Master Plan, “expanding access to nature is a top priority for the community,” and “residents would like to see a decreased emphasis on large lawn areas and more focus on retaining a site’s natural character” (p. 18). We hope that you take this opportunity to choose to rewild an important connection for wildlife and return a small part of land back to nature. The benefits will outlast all of us who are here today.

Regards,

Annie Yang

Cupertino Resident
Environmental Action Committee Chair
Santa Clara Valley Audubon Society
22221 McClellan Rd
Cupertino, CA 95014
eac@scvas.org

From: [Rhoda Fry](#)
To: [City of Cupertino Parks and Recreation Commission](#); [City of Cupertino Bike and Ped Commission](#); [City of Cupertino Sustainability Commission](#)
Cc: [City Clerk](#); [City Council](#)
Subject: September 8 2022 Agenda Item #1 Keep Golf Course
Date: Thursday, September 8, 2022 4:48:54 PM
Attachments: [091113 \(1\).pdf](#)

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Dear Commissions,

The following outlines the reasons to retain the golf course and includes some questions about this agenda item. I am not a golfer and have no intent on becoming a golfer but the golf course fills a unique niche within our City's recreational offerings where people of all ages can exercise, enjoy the great outdoors, and play. Recent data shows that 41,000 people per year have used the golf course and I'm guessing it would be more if tee times were less spread out because the times between tee times has been expanded during covid. I doubt we can say the same for the teen center or the pools at Blackberry Farm. Consider also that people from outside of Cupertino who use the golf course also shop Cupertino while they're in the area and increase our City's tax revenue!

Question 1: Can you explain where the projected \$20K in revenue would come from with the new venue? It does not seem very different from McClellan Ranch where there already is some programming. If there were more programming, it seems that it could happen at McClellan Ranch. By adding programming to McClellan Ranch and retaining the golf course would add revenue and maintain a diversity of recreational options. Please explain what projected programming would be and how it would differ from other programming.

Question 2: In the reconfigured golf course, one of the holes is changed to reduce golf balls in the golf course parking lot. I heard it mentioned on an open-house that the reconfiguration would be for balls within the orange orchard. Can you explain? Also, what would be done to resolve other issues with errant golf balls from the golf course such as those along the entrance driveway to the pool/picnic area?

Question 3: Over the years, a number of trees have died and been removed on the golf course. Many of them were Monterey Pines, whose life expectancy is only about 50 years. Why were the trees not replaced?

Question 4: Does the golf course have a dedicated water meter and pg&e meter? How do we know what the actual utility costs are?

Survey: It seems to me that the survey was leading the respondent in a direction to select "natural habitat." However, the actual proposal looks more like a city park with a parcours, education area, and a 40-car parking lot that would eat into the existing golf course at the swimming pool area. If I were asked if baseball fields, soccer fields, library field and more were to be converted to natural

habitat and walking trails would I use them? I'd say sure. But it doesn't mean that I think we should get rid of them. I remember a former councilmember saying that surveys were designed to create a desired outcome.

2006 Golf Course Plan: Please ask the Parks and Recreation staff to refer to the 2006 plan pertaining to the golf course. The 2000 vision is mentioned but not the plan. Much of that plan was built out, but not all of it.

A) The 2006 plan replaced the aging irrigation system. My recollection is that the cost was estimated to be \$250K. I searched through the City's public documents, but could not find the cost.

B) The 2006 plan summary intended to refurbish onsite water: "Damaged water storage tank that held well water to irrigate the golf course would be demolished. An existing 35,000 gallon underground cistern would be reconditioned to provide irrigation for the golf course." Around 2012 there was an extensive study to investigate using onsite water vs potable San Jose water at the golf course.

C) The plan was emphatic about retaining the ponds, affectionately referred to by many as lakes. These ponds had become a naturalized wildlife habitat that was teeming with wildlife that included a substantive red-wing blackbird population and a regular green heron among others. The plan mentioned the California Department of Fish and Wildlife's keen interest in retaining these ponds. The 2006 plan summary stated, "No change in side-stream diversion to golf course ponds." Several Parks and Rec Directors assured me these ponds would be restored (along with replanting the 30 or so trees that failed in the new parking lot adjacent to the pools).

Environment: The golf course has been host to quite a bit of wildlife including several coyotes, hawks, woodpeckers and more. As mentioned previously, the ponds were a unique naturalized wildlife habitat. And there are many trees on the golf course and there could be more. Many areas of the golf course are not being watered now and they could be replaced with natural habitat. And there could be more trees – especially to replace the ones that died. Golf courses and natural habitat are not mutually exclusive – we can have both. Another benefit to the adjacent neighborhood is that the wide open areas are less attractive to mountain lions, so having a golf course would be better than natural habitat. In the past, a mountain lion entered the animal enclosure at McClellan Ranch and ate a goat. Another mountain lion hung out in a tree for several days adjacent to McClellan Ranch as well.

Fire Safety: The golf course provides a firebreak for the homes up on Byrne Avenue and beyond. The City's most important job is to protect the safety of its inhabitants and there needs to be a significant amount of irrigated area to protect them. Attached please find one of many articles written on this topic. And we have a record of fire issues within the "Stevens Creek Corridor." In 2022 and possibly 2021, people had been setting a fire in McClellan Ranch in the middle of the night about once a month. You can still see the scorch marks where it happened. One of my neighbors walked by one morning and saw that it was still smoldering and called the authorities. We were lucky. Over at the Stocklmeir property, there had been some sort of calamity that caused the windows to be boarded up. Later, a resident lodged multiple complaints to the City and the Fire Department about the dried brush around the building adjacent to the townhouses. Thankfully, the City cleaned up the area but it is hard to understand how it stayed a safety hazard until a resident complained about it. I am worried that natural plantings could get out of hand as it did at the Stocklmeir house.

Money: It seems that the fees charged for the golf course are very low. An increase of just \$1 or \$2 could make a big difference. When the City runs programs that look like businesses, they are run through Enterprise Funds which provides a Profit and Loss Statement for that business. In the past, pool/picnic and golf shared the same enterprise fund. At some point, pool/picnics were removed and we have no idea as to what that facility is costing us. As to golf course, in my opinion, there have been charges for the enterprise fund that do not belong there and make it look like the golf course is performing worse than it actually is. For example, studies to modify or remove the golf course have been charged to the enterprise fund. Consequently, for people who don't know the details, golf performance look worse than it is. It seems that the golf course has been left in limbo for quite some time – as previously mentioned, we already should have had the new watering system in place, the ponds should have been left intact to support wildlife, and trees should have been replaced. We need to get more transparency for the businesses that are run by the City.

History: In 1844 Elisha Stevens led the first wagon train to cross the Sierra Nevada and from 1848 until 1862 he lived in a small home in Cupertino near Blackberry Farm's playground stands today. At the time, the creek was called Cupertino creek and it has since been renamed to Stevens Creek. Although there is a California Historical Landmark for his final home in Bakersfield, there is none for his first home. In the later 1800s people would arrive by stagecoach and enjoy picnicking at the creek. Later, people arrived by train. The land now occupied by the golf course had been an orchard failed. Recognizing a business opportunity, two brothers purchased the property in the 1950s, built 2 homes along the driveway, and created a picnic business followed by swimming pools, the golf course, and the restaurant/nightclub. It was at this time that access to the picnic area from Stevens Creek blvd ceased. The family had considered purchasing some of the Stockmeir property in order to provide an entrance to the picnic grounds from Stevens Creek blvd because neighbors had been impacted.

In 1990, Cupertino citizens voted to tax themselves the utility tax to purchase the property for open space, save the oak trees, and prevent housing development. Keep in mind that in 1990, the majority of the homes around that property were in unincorporated County. The pool/picnic business would continue to be run by the city for 25 years in order to pay for the property (it ceased operating well before that). Although pool/picnics and golf had been profitable for the family, the pool/picnic business lost money and golf made money for the City. Sometime after the area was renovated, only golf was tracked through an enterprise fund. When you go to the golf course, you will see a sign that says Don Brown on it. I haven't seen the name anywhere else. Don Brown was Cupertino's City manager at the time of the City's purchase of the pool/picnic area, the golf course, and the Blue Pheasant. As you can see, I am into some of the history and was glad to learn that former City architect Terry Greene had interviewed the Nelson family about the history of Blackberry Farm. I hope that his notes are still around. Part of the "Stevens Creek Corridor" project was to have some historical signage and I hope that comes to fruition someday.

Long story short – let's keep the golf course – it is good for the community.

Thanks,
Rhoda Fry

Golf Courses on the Fire Line

Golf courses and large turf areas serve a valuable role as firebreaks.

BY PATRICK GROSS



The many benefits of turf have been well documented in scientific literature. Add to that list the fact that golf courses and large turf areas serve a valuable role as firebreaks.

Wildfires occur frequently throughout the Southwest, causing extensive devastation and property damage. It is reported that more than 1,445 structures each year are destroyed by wildfires in California. At the same time, it is important to note that many structures are saved as a result of the firebreaks created by large turf areas and landscaping techniques that minimize the

spread of fires to homes and structures (CAL FIRE, 2005).

Complicating matters is the fact that drought conditions in the Southwest over the past eight years have put pressure on turf managers to reduce water use, either by voluntary or mandatory means. The prevailing opinion by water regulators and politicians is that turf irrigation is wasteful. On the contrary, there are many examples indicating that healthy, well-watered golf courses and large turf areas have played an important role in stopping wildfires and protecting property.

Golf course turf, in addition to the requirement of a fuel modification zone on slopes, helped save dozens of homes in the path of the Yorba Linda fire in 2008.



Golf courses provide large open areas with low fuel volume that create a defensible space in fire-prone areas. In addition, water hazards on golf courses can be used as a source of water to fight fires.

DEVASTATION CAUSED BY FIRE

Fire-fighting experts refer to three essential components of wildfires, known as “the fire triangle” — fuel, heat, and oxygen. Eliminating one of these components helps slow or stop the fire. Firebreaks remove fuel. Water helps reduce heat. Flame retardants block oxygen from reaching the fuel (Riggs, 2002).

The height, type, and spacing of plants impact the intensity and spread of a fire. In many wildfires, a “ladder effect” is created when fire sweeps through low-growing brush and climbs into the canopy of nearby trees, where flames and embers can be spread greater distances (Nader, 2007). In particular, live embers from a fire have been known to travel up to one mile, landing on brush and structures and accelerating the spread of the fire.

Each wildfire will spread and behave differently depending on wind, terrain, humidity,

weather conditions, and the amount of fuel. The only factor that can be controlled by human activity is the amount of fuel available to sustain a fire. Structures surrounded by dense, dry brush and closely spaced trees are at high risk of fire damage. At lower risk are properties with a defense zone of at least 100 feet that includes well-watered turf and landscape plants.

BENEFITS OF TURF AND GOLF COURSES IN FIRE-PRONE AREAS

Although fire experts warn that there is no such thing as a plant that will not burn, previous experience in California indicates that well-watered and properly maintained landscapes did not burn as readily as dry plantings (Youngner, 1970). Plants that are low growing, open structured, and less resinous, such as turf, present a lower fire risk (Nader, 2007). Additional benefits

of large turf areas and golf courses in fire-prone areas are noted below:

- Healthy turf is less likely to burn due to the high water content within the plant tissue, which ranges from 75% to 85% by weight (Beard, 1974).
- The low, prostrate growth habit of maintained turf limits the amount of fuel available to sustain a fire (Beard and Green, 1994).
- Golf courses provide large open areas with a low fuel volume that create a defensible space in fire-prone areas. This establishes an effective firebreak, placing more distance between fire and nearby structures. Golf courses are especially helpful in stopping the spread of fire when situated on the side of the prevailing wind (Riggs, 2002).
- Trees growing on golf courses are less likely to ignite because the turf beneath limits the available fuel source, thus stopping the “ladder effect.”
- Wind-blown embers start many house fires. Golf courses and large turf areas create distance between combustible vegetation and homes, creating more area for embers to potentially fade (Anderson, 2009).
- Water hazards on golf courses are sometimes used as a source of water to fight fires.
- For firefighters, the open space provided by golf courses has been used as a staging area for equipment and personnel as well as the fire command center (Liske, 2009).
- Golf courses provide an escape route and safe zone for firefighters should the direction and intensity of the fire change and the firefighters need to evacuate the area (Liske, 2009).

GOLF COURSES ON THE FIRE LINE

Wildfires have been a common occurrence throughout California for decades, and recent experience indicates that golf courses have served a valuable role by creating firebreaks to stop the spread of fires as noted in the following examples.

Simi/Vale Verde fire, October 2003:

In October 2003, a wildfire consumed 750,000 acres north of Los Angeles, destroying 3,500 homes and causing 22 deaths. Tierra Rejada Golf Club in Moorpark, California, was in the path of the fire. According to general manager Tom Szwedzinski, the firebreak created by the golf course prevented the flames from crossing Hwy. 22 into a densely populated Moorpark neighborhood (Bailey, 2003).

Ramona fire, October 2003: During the same time of the fires north of Los Angeles, flames swept through the chaparral-covered hillsides of Ramona, in north San Diego County. The San Diego Country Estates development on the outskirts of Ramona borders the San Vicente Inn & Golf Club, which helped stop and redirect the fire away from homes in a portion of the development. Only 27 of the 3,000 homes in the subdivision were lost to the fire. According to Captain Dave Hypes of the California Department of Forestry and Fire Protection, the green grass didn't allow the fire to spread and the golf

The intense heat generated by wildfires destroys homes and damages property, including this irrigation controller on the border of Black Gold Golf Course in Yorba Linda, California.



course created a very nice firebreak (Bailey, 2003).

Yorba Linda fire, October 2008: With the help of strong Santa Ana winds, a brush fire that started in Corona, California, rapidly moved west toward the neighboring city of Yorba Linda. Several homes in the path of the fire were destroyed as it burned through the chaparral-covered hillsides and up to the edge of Black Gold Golf Course. The golf course stopped flames from reaching the housing development on the southern edge of the property. According to Bret Anderson with the Orange County Fire Authority, there were several factors that helped stop the fires and spare the surrounding homes:

- The golf course put more distance between the combustible vegetation and the homes. This provided more area for wind-driven embers to fade.
- The green grass on the golf course was less combustible than the brush on the hillside. Although turf along the edge of the course was scorched, it did not sustain the fire.
- A fuel modification zone around the homes was required during development. These areas were established with fire-resistant plants and also prevented fires from reaching the homes (Anderson, 2009).

Griffith Park fire, May 2007: A discarded cigarette started a brush fire in the Aberdeen Canyon area of Griffith Park in Los Angeles. The terrain and heavy winds created very erratic fire conditions that ultimately burned 800 acres and damaged one home. As the fire changed direction and moved southward, it stopped at the edge of the Roosevelt Golf Course and Tregnan Golf Academy. According to senior arson investigator David Liske, the golf courses were great firebreaks that saved dozens of expensive homes south of the golf course (Liske, 2009). Roosevelt Golf Course also served as a landing area for helicopters that were used for aerial observation and to direct firefighters on the ground.

SUMMARY

Aside from being an aesthetic element of the landscape, turf is a practical environmental tool as a fire barrier in addition to the other benefits of providing erosion control, producing a cooling effect, and trapping pollution particulates. As noted in the previous examples, golf courses served a valuable function as firebreaks due to

the low fuel content of the green, prostrate-growing turf. The green belt created by golf courses was especially important as a buffer for homes and buildings adjacent to extensive woodland and dryland chaparral. In firefighting terms, expansive turf areas and golf courses create a defensible area that not only stops the spread of a fire but also can be used as a staging area and safety zone for fire department personnel.

In times of drought, turfgrass irrigation is often deemed to be wasteful. This often results in political pressure to eliminate golf course irrigation and remove turf from landscapes. Ironically, areas affected by drought tend to be a greater fire risk, and expansive turf areas, such as golf courses, serve a practical role in reducing fire danger. When it comes to reducing fire hazard, it is important to recognize that the benefits of turfgrass far outweigh the water requirement.

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PAT GROSS is the director of the Southwest Region of the USGA Green Section. As a lifelong resident of California, he has seen the devastation caused by wildfires.

From: [Anne Ezzat](#)
To: [City of Cupertino Parks and Recreation Commission](#); [City of Cupertino Sustainability Commission](#)
Cc: [City of Cupertino Bike and Ped Commission](#); [Darcy Paul](#); [Kitty Moore](#)
Subject: Golf Course
Date: Thursday, September 8, 2022 6:19:05 PM

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Dear commissioners,

I am writing to urge you to keep the golf course at Blackberry Farm, though I believe golf is a snooze-fest. It is a perfectly sized golf course for a community. And a public golf course. If we can have a swimming pool, tennis courts, baseball fields, and cricket fields, why not a golf course?

Furthermore, the city has not done a really good job of maintaining preserves. Look at the overgrown brush along the Stevens Creek Trail. And the dead trees. Why do we need more of the same? And the additional 40 parking spaces? It seems as if there is a rush to pave over parks, and eliminate parking spaces at residential buildings. Utterly nonsensical.

Please do not turn the golf course into another unkempt nature preserve.

Thank you and best regards,

Brooke Ezzat

From: [Connie Cunningham](#)
To: [City of Cupertino Parks and Recreation Commission](#)
Subject: Sep 8, Joint Commission Agenda Item 1
Date: Thursday, September 8, 2022 8:28:34 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I am sending this copy of my spoken remarks for the written record of this meeting. Thanks,
Connie Cunningham

Good Evening, Chairs and Commissioners of the Park and Recreation Commission, Bicycle
Pedestrian Commission and Sustainability Commission,

My name is Connie Cunningham, Member of Santa Clara Valley Audubon Society and a
longtime resident of Cupertino.

Thank you for this excellent report. Cupertino's Blackberry Farm and McClellan Ranch are
environmental jewels in the increasingly urban environment of our County. I prefer Option B,
Restore Natural Habitat. I share that opinion with 57% of Cupertino residents who answered
the survey.

The restoration to nature will use less water, it will open the area to more people to enjoy, and
become a home to increased biodiversity based on using California native plants and trees.

I urge the City to apply for grants from the State and other resources to make the restoration
financially feasible. Fixing the irrigation system is critical to minimize the use of potable
water during drought conditions that are getting worse. Putting California native trees, shrubs
and grasses in the islands of the golf course will enhance biodiversity.

A return to nature is the best for our environment. As the South Bay becomes increasingly
crowded with development, it is critical that Blackberry Farm and the Stevens Creek riparian
area be retained as environmental jewels in our City and for the region.

I have heard the comment that golf is good for older people. However, many elderly people
can no longer golf. They may be able to walk, or to sit in a wheelchair and watch nature
around them. Teaching their grandchildren about nature will be a marvelous inheritance.

Our City has supported the environment in many ways. The Bird-safe Design and Dark Skies
Ordinance is a valuable way to preserve wildlife health and human health. Another support is
in the accomplishments of the Climate Action Plan. By adding this jewel of a property to its
open space system, the City will strengthen the sustainability of the City.

Wildlife, from fish to birds, to squirrels and rabbits, to bees and butterflies, will thrive, delight,
and strengthen coming generations of residents. Residents, current and future, will thank the
City for doing this today.

Thank you for this time to speak.

Connie Cunningham

From: [Peggy Griffin](#)
To: [City of Cupertino Parks and Recreation Commission](#); [City of Cupertino Bike and Ped Commission](#)
Cc: [City Clerk](#)
Subject: FW: 2022-09-08 BBF Item #1 Peggy's Slide for Public comments
Date: Thursday, September 8, 2022 8:31:06 PM
Attachments: [Peggys Comments-Dead Zone.pdf](#)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Commissioners,

This photo is an example of how our city is NOT able to plant and maintain natural habitat. It's a dead zone! The creek trail from McClellan Ranch has been closed for a long time. Additional trails are closed because of invasive plants.

Keep the golf course!

Sincerely,
Peggy Griffin

From: Peggy Griffin <griffin@compuserve.com>
Sent: Thursday, September 8, 2022 7:13 PM
To: parcsandrecreationcommission@cupertino.org
Cc: 'City Clerk' <CityClerk@cupertino.org>
Subject: 2022-09-08 BBF Item #1 Peggy's Slide for Public comments

Dear City Clerk,

Please display this PDF when I speak on Item #1 during this meeting.

Thank you,
Peggy Griffin



Parks and Recreation, Bicycle
Pedestrian, and Sustainability
Commissions

Special Joint Meeting

September 8, 2022

Presentations

Item 1

Consider an update on Fiscal
Year 2021-22 City Work Program
item regarding the Blackberry
Farm Golf Course Needs
Assessment

Blackberry Farm Golf Course Future Use Options

Joint Commission Meeting
September 8, 2022 | 6:30 – 8:00 pm



CUPERTINO

Introductions

City of Cupertino

- Lisa Cameli – Project Manager
- Susan Michael – Capital Improvement Program Manager
- Jenny Koverman – Recreation Supervisor

Consultants

- Jeff Danner – NGF Consulting – Golf Course Feasibility Study
- Taylor Peterson – MIG Consulting – Natural Habitat Feasibility Study
- Alicia Fennell – Cascadia Consulting Group – Engagement

Overview

- Background
- Current Issues
- Option A - Minor Repairs and Improvements Study – NGF
- Option B - Convert to Natural Habitat Study – MIG
- Comparative Cost Analysis
- Community Engagement
- Questions

Site Location

BBF Golf Course

BBF Golf Course
Total area of site = 16 acres (approx.)
Maximum total irrigated area = 12.5 acres



Stevens Creek Blvd

North

Background

- Constructed in 1962
- City owned and operated since 1991
- Entire site approximately 16 Acres
- 12.5 acres are irrigated.
- Well water was used for irrigation until 2003.
- Currently, irrigation source is municipal potable water with average annual cost of \$63,000.

Background

- Adjacent to Stevens Creek and riparian corridor
 - Corridor contains special-status plants and protected wildlife species
- Golf Course is within a designated floodplain
- Average 28,000 rounds annually (pre-Covid)
 - Cupertino residents account for 39% of rounds
- Annual average subsidy is \$272,000 (pre-Covid)

Current Issues

- Irrigation System is over 60 years old
 - Frequent leaks and pipe failures which waste high quantities of water and is costly
 - Antiquated, inefficient system
 - Drought-related water restrictions may drive future water use and increase costs.
- Safety Concerns
 - Some improvements for ADA access needed.
 - Risk associated with errant balls hit outside of fairway.

Why Consider Alternative Uses?

Parks and Recreation System Master Plan

- Evaluate the benefit prior to doing a like-for-like replacement
- Avoid replacing failing amenities without reviewing current needs
- Increase ecological value along Stevens Creek Corridor

Stevens Creek Corridor Master Planning Process

- Public interest in exploring alternative uses.

Future Use Options

- **Option A** – Complete Minor Repairs and Improvements for the Golf Course - NGF
- **Option B** – Convert Golf Course to Natural Habitat - MIG

Option A
Blackberry Farm Golf Course
Minor Repairs and Improvements
NGF Feasibility Study

Minor Repairs and Improvements

- Replace all tees, greens, and convert ponds to low-land landscaping
- Address primary golf course safety issues
- Replace irrigation system

Water Use Analysis – Historic Irrigation Practices

Table 1 – Irrigation Water Use Pre-2014 and Post-2014

Year Range	Average Annual Water Use
2008 through 2013	15.9 million gallons
2014 through 2021	8.5 million gallons

Note: Water-use restrictions put in place in 2014. In 2014 City reduced total acreage being irrigated and implemented improved control system of individual sprinkler heads.

Water Use Analysis – New Irrigation System

Table 2 – Water Use Projections with New Irrigation System

Projected Irrigated Acres	Total Reduction in Irrigated Acres	Projected Annual Water Use (ETWU) (gallons)	Percentage Reduction in Water Use vs. Irrigating Full 12.5 Acres	Percentage Change from Post-2014 Average of 8.5M Gallons
12.5	0.0	8,825,050	0%	4% More
11.5	1.0	8,119,046	8%	4% Less
10.5	2.0	7,413,042	16%	13% Less
9.5	3.0	6,707,038	24%	21% Less

Note: $ETWU = (Acres * Acre-In * Eto * PF) / IE$. To calculate ETWU RDMA assumed an average Annual Evapotranspiration Rate (ETo) of 30 inches, a Plant Factor (PF) of 0.65%, and an Irrigation Efficiency (IE) of 75%.

Benefits

- Continued use of a long-standing recreational resource for the community.
- Improve playability of the course.
- Improvements to irrigation system will increase efficiency and effectiveness of watering the course.
- Maintains existing City operational workload.

Option B
Blackberry Farm Golf Course
Natural Habitat Restoration

MIG Feasibility Study

Natural Habitat Restoration

- Converts the Golf Course to native oak woodland and grassland plant communities (historic habitats)
- Riparian regeneration zone along Stevens Creek
- Bioswale Planting of existing ponds
- Habitat Islands
- Wildflower Meadows
- Existing Redwoods would remain
- Development of trails and amenities for public enjoyment
- Addition of 35-40 parking spaces to southern parking lot
- *Current report provides only a conceptual design and does not represent a proposed design direction.*

Natural Habitat Restoration

Benefits

- Integrate natural landscapes in the urban environment
- Reduce irrigation water demand to less than 10% of that used for Golf Course
- Environmental education opportunities
- Stronger connection with nature within an urban setting
- Provide essential habitat corridors to ensure the survival of native species in a human-dominated landscape

URBAN WILDLAND RESTORATION APPROACH



- Future bus turnout/dropoff
- Existing building: convert pro shop to ranger office. Restroom available for public use.
- Existing shed available for ranger storage
- Outdoor education area with log seating
- Future nature play area
- Accessible trails with benches
- Existing fairway trees to remain
- Low maintenance zone (at areas outside habitat islands and wildflower meadows)
- Future exercise par course along trail
- Expand parking area
- Existing golf maintenance building available for parks maintenance
- See separate entry proposal for roadway and path improvements by others

MAP LEGEND

- | | | |
|-----------------------------------|------------------------------|--|
| --- STUDY AREA | █ CREEK | █ RIPARIAN REVEGETATION ZONE |
| — PARK BOUNDARY | — PROPOSED PATHS | █ DRY POND - POTENTIAL BIOWHALE PLANTING |
| █ (EXISTING) BUILDING / STRUCTURE | □ PROPOSED BUILT FEATURE | █ HABITAT ISLAND |
| ⋯ (E) STEVENS CREEK TRAIL | █ EXISTING RIPARIAN CORRIDOR | █ WILDFLOWER MEADOW |
| ⋯ (E) PATHS | | |
| █ (E) BRIDGE | | |

Natural Habitat Restoration



Existing Golf Course



Oak Woodland with Trails

Habitat Islands



Existing Golf Course



Habitat Island - Immature₁₁₁



Wildflower Meadow



Habitat Island

Comparative Costs

25 Year Outlook

Comparative Costs

Blackberry Farm Golf Course Use Analysis				
Comparative Costs - 25 Year Outlook				
Item #	Item		Repair Golf Course	Natural Habitat
1	Capital Cost		\$1,970,000	\$1,882,825
2	Total O&M Expenditure (0-25 yr)		\$17,496,250	\$10,720,594
		O&M Expenditure Breakdown		
	2A	Irrigation Water Cost***	\$1,575,000	\$100,800
	2B	Sewer Discharge Cost	\$525,000	\$297,200
	2C	City Labor Costs	\$7,569,500	\$9,591,844
	2D	Contracted O&M Services	\$7,610,000	\$562,000
	2E	O&M Miscellaneous	\$216,750	\$168,750
3	Estimated Revenue (0-25 yrs)		\$9,378,624	\$500,000
4	O&M Expenditure minus Revenue (0-25 yrs)		\$8,117,626	\$10,220,594
5	Total Cost minus Revenue (0-25 yrs)		\$10,087,626	\$12,103,419
6	Irrigation Water Use (0-25 yrs) Gallons*		168 to 212 million Gallons	14 million Gallons
7	Grant Funding Potential**		N/A	\$600,000

Community Engagement

Overview &
Findings

Community Engagement Process

- **Ongoing:** Engage Cupertino website
- **May:** Citywide distribution of informational postcards
- **May 18:** Parks and Recreation Commission meeting
- **May 25:** Launch online survey
- **June 6:** Virtual community meeting
- **June 11 & July 11:** Open house events
- **July 7:** Pop-up event at summer concert series at Memorial Park
- **July 15:** Online survey closes

Community Engagement Process

- **July/August:** Analyzed survey results and public input
- **September:** Present findings at joint commission meeting and receive recommendations.
- **October/November:** Present findings to City Council and seek recommendations

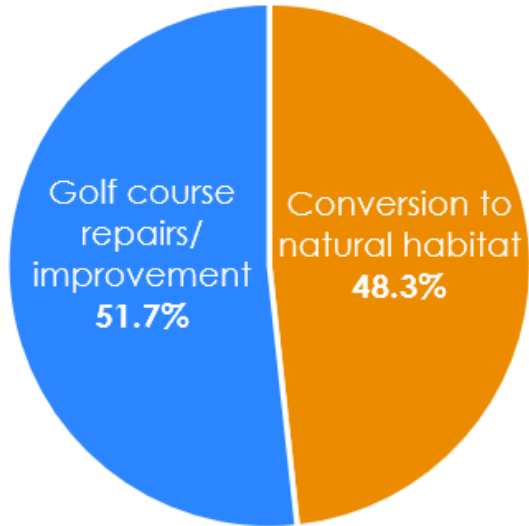


Survey Overview

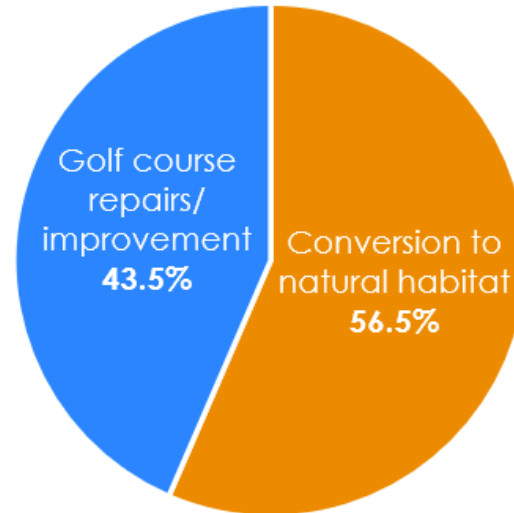
- 14 questions (9 required, 5 optional)
- 4,023 responses
 - Cupertino residents = 2,535 responses (63%)
 - Non-residents = 1,488 (37%)
- Methodology
 - Reviewed duplicate IP addresses
 - Removed 4 duplicate responses (<0.1% of total responses)

Overall Option Preference

All Respondents
(*n* = 4,023)

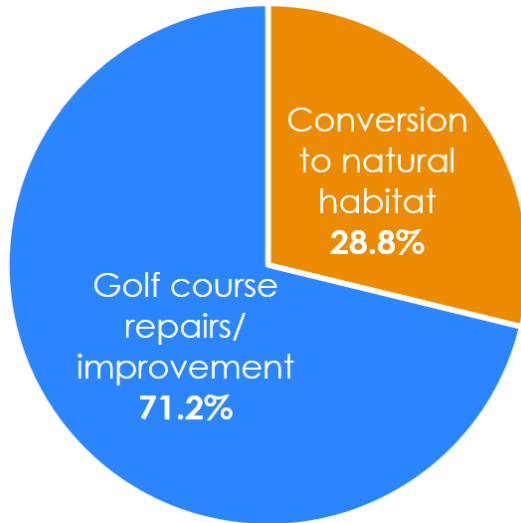


Cupertino Residents
(*n* = 2,535)

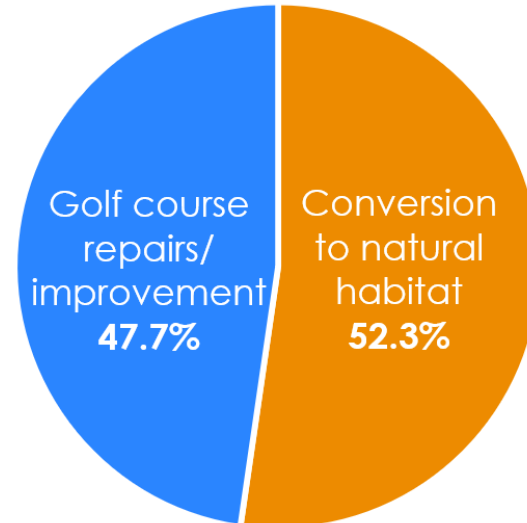


Option Preference by Distance from Site

More Than 5 Miles
(*n* = 697)

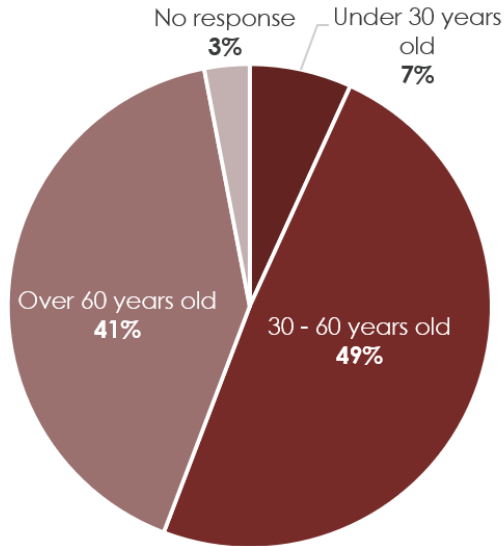


5 or Less Miles
(*n* = 3,326)

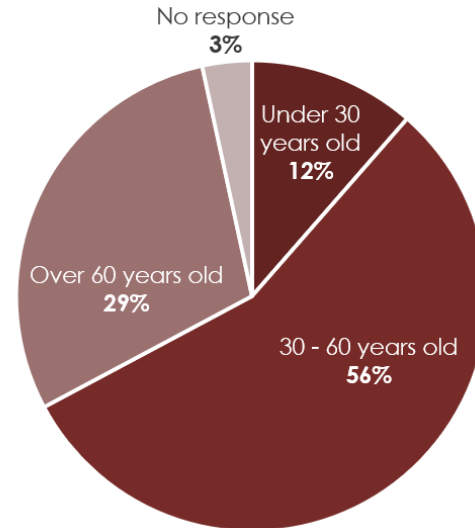


Age Group by Option Preference

Golf Course
(n = 2,081)



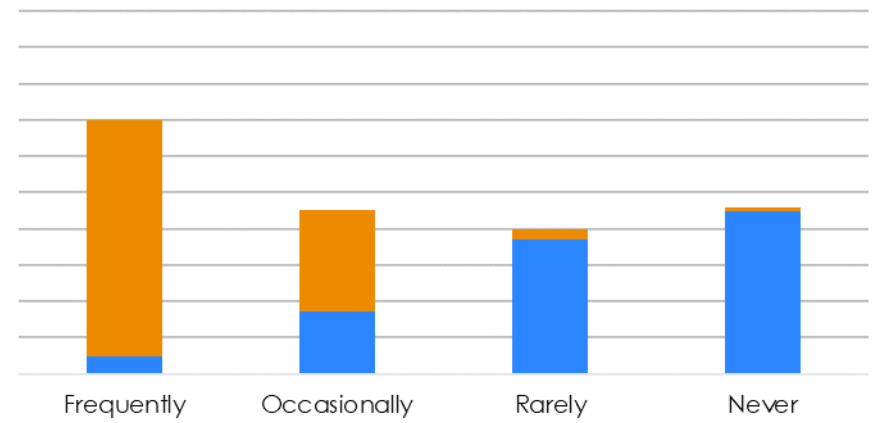
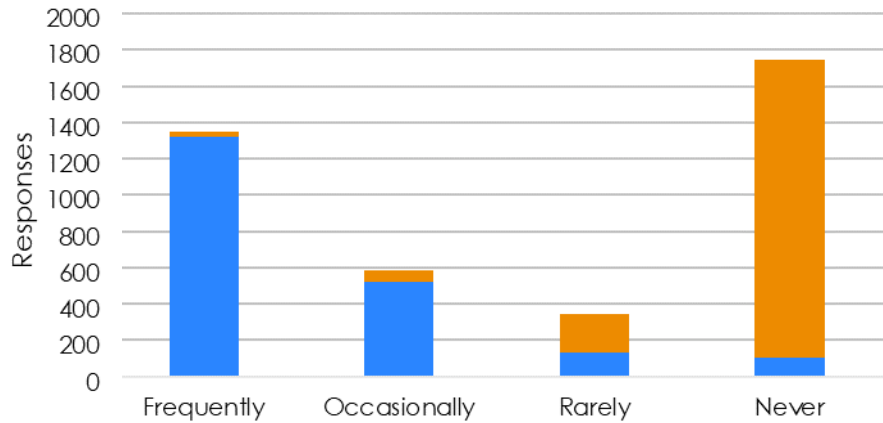
Natural Habitat
(n = 1,942)



Future Use Frequency

Golf Course
(*n* = 4,023)

Natural Habitat
(*n* = 4,023)



■ Prefers Golf Course ■ Prefers Natural Habitat

THANK YOU!

QUESTIONS?



CITY OF CUPERTINO

Agenda Item

22-11755

**Agenda Date:
11/16/2022 Agenda #: 3.**

Subject: Future Agenda Items (Ganga)

Develop and Maintain a List of Future Agenda Items for the Bicycle Pedestrian Commission



CITY OF CUPERTINO

Agenda Item

22-11756

**Agenda Date:
11/16/2022 Agenda #: 4.**

Subject: Lawrence-Mitty Park Status Update (Raaymakers)

Receive Update on Lawrence-Mitty Park and Trail Project and Provide Feedback on Next Steps



CITY OF CUPERTINO

Agenda Item

22-11757

Agenda Date:
11/16/2022 Agenda #: 5.

Subject: Suggestions for Fiscal Year 2023-2024 City Work Program and Capital Improvement Program Inclusion (Ganga)

Propose Suggestions for Fiscal Year 2023-2024 City Work Program and Capital Improvement Program Inclusion (Action Item)



CITY OF CUPERTINO

Agenda Item

22-11758

**Agenda Date:
11/16/2022 Agenda #: 6.**

Subject: Bubb Road - McClellan Road Intersection Assessment and Recommended Improvements (Stillman)

Receive an Update on Bubb Road and McClellan Road Intersection Assessment and Recommended Improvements



CITY OF CUPERTINO

Agenda Item

22-11759

**Agenda Date:
11/16/2022 Agenda #: 7.**

Subject: Staff Update and Commissioner Activity Report (All)

Receive Updates from Staff and Commissioners Regarding Recent Activities