



CITY OF CUPERTINO

AGENDA

TICC

Technology, Information, & Communications Commission

Wednesday, March 1, 2023

7:00 PM

10300 Torre Ave, City Hall Conference Room C

ROLL CALL

APPROVAL OF MINUTES

1. Subject: Approve the January 11, 2023, special meeting minutes.
Recommended Action: Approve the January 11, 2023, special meeting minutes.
[A - Draft Minutes 01-11-23](#)

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

2. Subject: Written communications received from Council Member Chao dated 02.23.23
Recommended Action: Receive and file written communications from Council Member Chao dated 02.23.23
[A - Written Communications from Councilmember Chao 02.23.23](#)

NEW BUSINESS

3. Subject: Recognize former Commissioner Bollineni for his years of service to TICC
Recommended Action: Recognize former Commissioner Bollineni for his years of service to TICC
4. Subject: Elect Chair and Vice Chair positions
Recommended Action: Elect Chair and Vice Chair positions
5. Subject: Receive presentation on License Plate Recognition
Presenter: Tom Chin, Emergency Manager

Recommended Action: Receive and file presentation on License Plate Recognition

6. Subject: Volunteer Request for Commissioners to assist with User Research and Testing of the City's Website Redesign Project
Presenter: Nidhi Mathur, Applications Manager
Recommended Action: Consider Volunteering to assist with user research and testing of the City's Website Redesign Project.
7. Subject: Receive Presentation on GIS Overview of City Business Processes.
Presenters: Teri Gerhardt, GIS Manager
Recommended Action: Receive and Accept Presentation on GIS Overview of City Business Processes.

OLD BUSINESS

8. Subject: Discuss TICC FY23-24 Work Program Proposal Recommendations.
Recommended Action: Discuss TICC FY23-24 Work Program Proposal Recommendations.
[A - Commission Proposals for FY23-24 City Work Program](#)
9. Subject: Review TICC FY22-23 Work Program.
Recommended Action: Review and Accept TICC FY22-23 Work Program update.
[A - TICC FY22-23 Work Program](#)
10. Subject: Receive Subcommittee Report on Cyber Security Education from Commissioners Soundararajan and Du.
Recommended Action: Receive and Accept Subcommittee Report on Cyber Security Education.

STAFF AND COMMISSION REPORTS

11. Subject: Receive Commissioners Reports.
Recommended Action: Receive Commissioners Reports.
12. Subject: Review Activities Calendar.
Recommended Action: Review Activities Calendar.
[A - Activities Calendar](#)
13. Subject: Review Action Items List.
Recommended Action: Review Action Items List.
[A - Action Items List](#)

14. Subject: Receive Commissioners Reports.
Recommended Action: Receive Commissioners Reports.

FUTURE AGENDA SETTING

ADJOURNMENT

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

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

23-12004

Agenda Date: 3/1/2023
Agenda #: 1.

Subject: Approve the January 11, 2023, special meeting minutes.

Approve the January 11, 2023, special meeting minutes.

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION

Special Meeting

January 11, 2023, 6:00 p.m.

Draft MINUTES

CALL MEETING TO ORDER

Meeting was called to order at 6:03 pm

ROLL CALL

Commissioners Present: Mukesh Garg, Naidu Bollineni, Eliza Du, Prabir Mohanty,
Rajaram Soundararajan

Commissioners Absent: None

Staff Liaison: Teri Gerhardt, GIS Manager

Guest Speakers: None

APPROVAL OF MINUTES

1. **Subject: Approve the December 7, 2022, regular meeting minutes.**

Vice Chair Bollineni made a motion to approve the December 7, 2022, regular meeting minutes. Commissioner Mohanty second the motion.

Motion passed 3-1-1 with Chair Garg abstaining and Commissioner Soundararajan tardy.

ORAL COMMUNICATIONS

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

- A. **None**

WRITTEN COMMUNICATIONS

- A. **None**

OLD BUSINESS

2. **Discuss TICC FY23-24 Work Program Proposal Recommendations**

GIS Manager Gerhardt opened the floor for recommendations.

The Commission discussed potential TICC FY23-24 Work Program Proposal recommendations.

Commissioner Mohanty suggested providing all Cupertino residents with Starlink satellite service in case of a catastrophic emergency.

Vice Chair Bollineni recommended adding flashing U-turn electronic signaling to busy intersections for the safety of pedestrians.

Commissioner Mohanty recommended expanding Adaptive Traffic Signaling into all intersections.

The Commission agreed to add the four recommendations:

- Flashing U-turn electronic signaling
- Starlink Satellite Service
- Fiber throughout City
- License Plate Recognition if pilot is a success

3. Subject: Review TICC FY22-23 Work Program

The Commission requested an email update from CTO Mitchell in his absence.

Background:

License Plate Recognition: In partnership with the County Sheriff, install LPR devices for the automated detection of license plates. This data will only be for official law enforcement purposes, including identifying stolen or wanted vehicles, stolen license plates and missing persons. It may also be used to gather information related to active warrants, homeland security, electronic surveillance, suspect interdiction, and stolen property recovery.

Cybersecurity: Provide education on cybersecurity to City residents, guests, and businesses. A subcommittee was formed consisting of Commissioners Soundararajan and Du.

Climate Monitoring and Noise Measurement: *The project is completed.*

Scope: Installing sensors to monitor Pollution and Noise Environments in the area adjacent to Lehigh and Stevens Creek Quarry. Each location has two sensors, to monitor noise and air quality levels.

4. Subject: Receive Subcommittee Report on Cyber Security Education from Commissioners Soundararajan and Du.

Commissioner Soundararajan provided an update. He mentioned reaching out to Subject Matter Experts to recruit for the Commissions Cyber Security event. The event will be carried out as a panel/presentation format.

For reference, the Four objectives of this CWP item are:

- Retain Security Professionals to carry out informative Presentation and Panel

- Provide Informative links on website
- Present the informative educational content via social media (i.e. a Reel)
- Competition by kids on various cybersecurity issues

Commissioner Du mentioned CTO Mitchell and her met with Rachelle Sanders, Director of Parks and Recreation, to inquire about Fine Arts' Commission (FAC) marketing approach and awarding process.

Ms. Du relayed FAC Commissioners are heavily involved in spreading the word out to the Community and volunteered she can provide the commission a draft template letter to agree on and send out to the Principals in Cupertino schools.

The Commission thanked Commissioners Soundararajan and Du for the update.

STAFF AND COMMISSION REPORTS

5. Subject: Receive Commissioner Report from the Mayor's Meeting

- Meeting cancelled

6. Subject: Review Activities Calendar

The Commission reviewed the schedule for upcoming Mayors Meetings:

7. Subject: Review Action Items List

The Commission reviewed Action Items list.

8. Subject: Commissioner Updates

ADJOURNMENT

Chair Garg adjourned the meeting at 7:02 pm.

SUBMITTED BY:

APPROVED BY:

Marilyn Pavlov, Secretary

Mukesh Garg, Chair



CITY OF CUPERTINO

Agenda Item

23-12095

Agenda Date: 3/1/2023
Agenda #: 2.

Subject: Written communications received from Council Member Chao dated 02.23.23

Receive and file written communications from Council Member Chao dated 02.23.23

Marilyn Pavlov

From: Liang Chao
Sent: Thursday, February 23, 2023 9:05 AM
To: City of Cupertino Public Safety Commission; TICC
Subject: Fwd: Pedestrians Complicate Things...And How to Solve It

FYI.



Liang Chao

Council Member
City Council
LiangChao@cupertino.org
408-777-3192



From: Jack Ryder <reggie.chandra@rhythm-info.com>
Sent: Thursday, February 23, 2023 5:03 AM
To: Liang Chao <LiangChao@cupertino.org>
Subject: Pedestrians Complicate Things...And How to Solve It

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.

Hello Liang,



This photo cause you anxiety?

The person in the light blue jacket crossing between the two cars gets me. Jeesh!

You don't have to be in an urban setting to understand how pedestrians complicate things.

Which is why you're invited to see how a brand-new technology is solving this problem. Pedestrians vs. Traffic Flow.

Watch now

My traffic engineer friend, Bruce, had a nightmare corridor. Part of the problem? A few of the intersections had constant pedestrian needs.

Bruce harnessed this new tech to solve the problem in minutes, not months.

[Click \[HERE\]](#) to see a demo in real-time.

Jack Ryder

[Unsubscribe](#)

RHYTHM ENGINEERING
14019 W 95th St
Lenexa, Kansas 66215
United States
(913) 227-0603



CITY OF CUPERTINO

Agenda Item

23-12093

Agenda Date: 3/1/2023
Agenda #: 3.

Subject: Recognize former Commissioner Bollineni for his years of service to TICC

Recognize former Commissioner Bollineni for his years of service to TICC



CITY OF CUPERTINO

Agenda Item

23-12010

Agenda Date: 3/1/2023
Agenda #: 4.

Subject: Elect Chair and Vice Chair positions

Elect Chair and Vice Chair positions



CITY OF CUPERTINO

Agenda Item

23-12094

Agenda Date: 3/1/2023
Agenda #: 5.

Subject: Receive presentation on License Plate Recognition
Presenter: Tom Chin, Emergency Manager
Receive and file presentation on License Plate Recognition



CITY OF CUPERTINO

Agenda Item

23-12067

Agenda Date: 3/1/2023
Agenda #: 6.

Subject: Volunteer Request for Commissioners to assist with User Research and Testing of the City's Website Redesign Project

Presenter: Nidhi Mathur, Applications Manager

Consider Volunteering to assist with user research and testing of the City's Website Redesign Project.



CITY OF CUPERTINO

Agenda Item

23-12011

Agenda Date: 3/1/2023
Agenda #: 7.

Subject: Receive Presentation on GIS Overview of City Business Processes.

Presenters: Teri Gerhardt, GIS Manager

Receive and Accept Presentation on GIS Overview of City Business Processes.



CITY OF CUPERTINO

Agenda Item

23-11889

Agenda Date: 3/1/2023
Agenda #: 8.

Subject: Discuss TICC FY23-24 Work Program Proposal Recommendations.

Discuss TICC FY23-24 Work Program Proposal Recommendations.

Proposals for FY 2023-2024 City Work Program

Project/Task	Project Objective
Flashing U-turn electronic signaling	Add to busy intersections for pedestrian safety
Starlink satellite service	Provide satellite service to all residents in case of catastrophic emergency
Fiber Master Plan	Add Fiber throughout Cupertino
License Plate Recognition (LPR)	If Pilot is successful for FY23, expand LPR throughout Cupertino



CITY OF CUPERTINO

Agenda Item

23-11890

Agenda Date: 3/1/2023
Agenda #: 9.

Subject: Review TICC FY22-23 Work Program.

Review and Accept TICC FY22-23 Work Program update.



**CITY OF
CUPERTINO**

Technology, Information, and Communications Commission

FY 2022-23 Work Program

Project/Task	Project Objective	Responsibility	Estimated Completion Date
Pilot: License Plate Recognition (LPR)	In partnership with the County Sheriff, install LPR devices for the automated detection of license plates. This data will only be for official law enforcement purposes, including identifying stolen or wanted vehicles, stolen license plates and missing persons. It may also be used to gather information related to active warrants, homeland security, electronic surveillance, suspect interdiction and stolen property recovery.	Bill Mitchell	In Progress
Cybersecurity Public Education	Provide education on cybersecurity to City residence, guests and businesses.	Bill Mitchell	In Progress
Monitor Pollution and Noise Environment adjacent to Lehigh and Stevens Creek Quarry	Monitor and report on Lehigh and Stevens Creek Quarries. Includes noise and pollution monitoring for these locations.	Bill Mitchell	Completed



CITY OF CUPERTINO

Agenda Item

23-12006

Agenda Date: 3/1/2023
Agenda #: 10.

Subject: Receive Subcommittee Report on Cyber Security Education from Commissioners Soundararajan and Du.

Receive and Accept Subcommittee Report on Cyber Security Education.



CITY OF CUPERTINO

Agenda Item

23-11895

Agenda Date: 3/1/2023
Agenda #: 11.

Subject: Receive Commissioners Reports.

Receive Commissioners Reports.



CITY OF CUPERTINO

Agenda Item

23-12007

Agenda Date: 3/1/2023
Agenda #: 12.

Subject: Review Activities Calendar.

Review Activities Calendar.

A – Activities Calendar
TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION
2023 Activities Calendar

JANUARY 11

Canceled

JULY 12

Mayor's Mtg. at 5 p.m.
Commissioner Du

FEBRUARY 8

Mayor's Mtg. at 5 p.m.
Commissioner Du

AUGUST 9

Mayor's Mtg. at 5 p.m.
Commissioner Mohanty

MARCH 8

Mayor's Mtg. at 5 p.m.
Commissioner Mohanty

SEPTEMBER 13

Mayor's Mtg. at 5 p.m.
Commissioner Soundararajan

APRIL 12

Mayor's Mtg. at 5 p.m.
Commissioner Soundararajan

OCTOBER 11

Mayor's Mtg. at 5 p.m.
Commissioner Garg

MAY 10

Mayor's Mtg. at 5 p.m.
Commissioner Garg

NOVEMBER 8

Mayor's Mtg. at 5 p.m.
Commissioner Shearin

JUNE 14

Mayor's Mtg. at 5 p.m.
Commissioner Shearin

DECEMBER 13

Mayor's Mtg. at 5 p.m.
Commissioner Du



CITY OF CUPERTINO

Agenda Item

23-12008

Agenda Date: 3/1/2023
Agenda #: 13.

Subject: Review Action Items List.

Review Action Items List.

TECHNOLOGY, INFORMATION &
COMMUNICATIONS COMMISSION

Action Items

Owner	Description	Status
TICC	Elect Chair & Vice Chair Positions	In Progress
Bill	Agendize GIS Overview of City business Processes for March meeting Presenter Teri Gerhardt, GIS Manager	In Progress
Bill	Agendize Applications Overview of City business Processes for April meeting Presenter Nidhi Mathur, Applications Manager	In Progress

Completed

Owner	Description	Status
Bill	Present City Work Program Dashboard	Completed
Bill	Agendize Resident Tax Calculator and Budget Forecast Tool Demonstration for August Meeting	Completed
TICC	Agendize action Item to Develop Subcommittee and appoint Commissioners for FY23 Work Program Item: Cybersecurity Education at the August Meeting	Completed
Bill	Agendize Progress Report on Digitization of City Business Processes for the September Meeting, with Presenters Teri Gerhardt, GIS Manager, and Nidhi Mathur, Applications Manager	Completed
Bill	Publish Cancellation notice for January 4, 2023, regular meeting	Completed
Bill	Publish January 11, 2023, Special Meeting	Completed



CITY OF CUPERTINO

Agenda Item

23-12009

Agenda Date: 3/1/2023
Agenda #: 14.

Subject: Receive Commissioners Reports.

Receive Commissioners Reports.