



CITY OF CUPERTINO

AGENDA

TICC

This will be a teleconference meeting without a physical location.

Thursday, January 27, 2022

6:00 PM

Special 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 4:00 p.m. on Thursday, January 27, to the Commission at TICC@cupertino.org. These e-mail comments will be received by the Staff Liaison 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 BillM@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 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

Please click the link below to join the webinar:

https://cityofcupertino.zoom.us/webinar/register/WN_12i43GpFQ9KG7GjabBAu1Q

Phone

Dial: 669-900-6833 and enter Webinar ID: 917 2775 6923

(Type *9 to raise hand to speak).

Unregistered participant 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)

213.19.144.110 (Amsterdam Netherlands)

213.244.140.110 (Germany)

103.122.166.55 (Australia Sydney)

103.122.167.55 (Australia Melbourne)

69.174.57.160 (Canada Toronto)

65.39.152.160 (Canada Vancouver)

Meeting ID: 917 2775 6923

SIP: 91727756923@zoomcrc.com

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 6 hours in advance of the meeting to arrange or 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.

NOTICE AND CALL FOR A SPECIAL MEETING OF THE TECHNOLOGY, INFORMATION, AND COMMUNICATIONS COMMISSION

NOTICE IS HEREBY GIVEN that a special meeting of the Technology, Information, and Communications Commission is hereby called for Thursday, January 27, 2022, commencing at 6:00 pm. In accordance with Governor Newsom's Executive Order No-29-20, this is a teleconference meeting without a physical location. Said special meeting shall be for the purpose of conducting business on the subject matters listed below under the heading "Special Meeting".

SPECIAL MEETING

ROLL CALL

APPROVAL OF MINUTES

1. Subject: Approve Minutes from the January 5, 2022 regular meeting.
Recommended Action: Approve Minutes from the January 5, 2022 regular meeting.
[A - Draft Minutes 01-05-22](#)

WRITTEN COMMUNICATIONS

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.

NEW BUSINESS

2. Subject: Receive a progress report on digitization of City Business processes.

Recommended Action: Receive a progress report on digitization of City Business processes.

OLD BUSINESS

3. Subject: Review TICC FY22 Work Program
Recommended Action: Review TICC FY22 Work Program
[A - TICC FY21-22 Work Program](#)
4. Subject: Discuss and Prioritize TICC FY23 Work Program Proposal Recommendations
Recommended Action: Discuss and Prioritize TICC FY23 Work Program Proposal Recommendations
[A - Commission Proposals for FY 2022-2023 City Work Program](#)
[B - Written Communications dated 12-01-21](#)

STAFF AND COMMISSION REPORTS

5. Subject: Receive Commissioner Report from the Mayor's Meeting
Recommended Action: Receive Commissioner Report from the Mayor's Meeting
6. Subject: Review Activities Calendar
Recommended Action: Review Activities Calendar
[A - 2022 Activities Calendar](#)
7. Subject: Review Action Items List
Recommended Action: Review Action Items List
[A - Action Items List](#)
8. 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 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 6 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.

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION

Regular Meeting

January 5, 2022, 7:00 p.m.

Draft MINUTES

CALL MEETING TO ORDER

Chair Mohanty called the meeting to order at 7:02 pm

ROLL CALL

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

Commissioners Absent: None

Staff Present Bill Mitchell, Chief Technology Officer (CTO)

Guest Speakers: None

APPROVAL OF MINUTES

1. **Subject: Approve Minutes from the December 1, 2021, regular meeting.**

Chair Mohanty moved to approve the amended minutes from the December 1, 2021, regular meeting. Vice Chair Garg second the Motion.

Motion passed 3-0-2 with Commissioners Raj and Du abstaining.

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.

WRITTEN COMMUNICATIONS

- A. **None**

OLD BUSINESS

2. **Subject: Elect Chair and Vice Chair Positions**

CTO Mitchell reviewed the Nomination process and opened the floor for Chair Nominations:

Chair Mohanty made a motion to nominate Commissioner Bollineni for Chair, Commissioner Bollineni second.

Yes: Commissioners Mohanty and Bollineni

No: Commissioners Raj, Mukesh, and Du

Motion did not pass 2-3.

Vice Chair Garg nominated himself for Chair, Commissioner Raj second.

Yes: Commissioner Mukesh, Raj, and Du

No: Commissioners Mohanty and Bollineni

Motion passes 3-2.

CTO Mitchell opened the floor for Vice Chair Nominations:

Commissioner Du made a motion to nominate Commissioner Bollineni for Vice Chair, Commissioner Mohanty second.

Yes: Commissioner Mukesh, Mohanty, Raj, Bollineni, and Du.

Motion Passes 5-0.

CTO Mitchell thanked Commissioner Mohanty for his tenure as Chair of the Commission.

Commissioners joined him in acknowledging his initiatives and contributions.

OLD BUSINESS

3. Review TICC FY22 Work Program

Mr. Mitchell provided an update:

Adaptive Traffic Signaling and Multimodal Traffic Count: The equipment has been installed, configured, and operating. Staff will begin analyzing data at the end of June 2022.

The intersections involved are:

- DeAnza & Mariani
- DeAnza & 280N
- DeAnza & 280S
- DeAnza & Homestead

Climate Monitoring and Noise Measurement: City staff have retained Envirosuite, and encumbered funds to initiate the pilot project. The pilot consists of monitoring Pollution and Noise Environments in the area adjacent to Lehigh and Stevens Creek Quarry. There will be a public portal for residents to access data.

The Commission thanked Mr. Mitchell for the informative update.

4. Discuss and Prioritize TICC FY23 Work Program Proposal Recommendations

CTO Mitchell reviewed the Fy23 Proposal deadline with Commissioners.

The Commission discussed the proposed items, and decided to table this item for the next Meeting

Bike and Ped Commissioner Ilango Ganga, spoke in support of Vision Zero proposed item. Mr. Ganga requested Vision Zero it be made an actionable item to detect near misses.

STAFF AND COMMISSION REPORTS

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

6. Subject: Review Activities Calendar

The Commission reviewed the schedule for upcoming Mayors Meetings:

- February 9: Commissioner Du
- March 9: Chair Garg
- July 13: tbd

7. Subject: Review Action Items List

- Commissioner Mohanty mentioned he will reach out to Verizon for Public-Private-Partnership (PPP)
- Commissioner Mohanty made a motion to revise Action Item 2 to Review leading edge technology in the Vision Zero space - ensure Red Light running is included. Commissioner Raj second.
Motion passes 5-0.

8. Subject: Commissioner Updates-

- The Commission agreed on a Special Meeting in late January to vote on FY23 Proposals.

ADJOURNMENT

Chair Garg adjourned the meeting at 8:15 pm.

SUBMITTED BY:

APPROVED BY:

Marilyn Pavlov, Secretary

Mukesh Garg, Chair



**CITY OF
CUPERTINO**

Technology, Information and Communication Commission

FY 2021-22 Work Program

| Project/Task | Project Objective | Responsibility | Estimated Completion Date |
|--|---|-----------------------|----------------------------------|
| Pilot - Adaptive Traffic Signaling | Utilize the City's Traffic Management System to test impact of enhanced adaptive traffic signaling. This will be done through software modifications and/or the addition of IOT devices such as intelligent cameras | Bill Mitchell | In Progress |
| Pilot - Multimodal Traffic Count | Utilize the City's Traffic Management System and/or IOT equipment to provide the number of vehicles, pedestrians and bike traffic that moved through a given area, e.g., intersection, roadway or trail. | Bill Mitchell | In Progress |
| Pilot - 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 | In Progress |

Proposals for FY 2022-2023 City Work Program

| Project/Task | Project Objective |
|---|---|
| Rat/Gopher Abatement | Research Gopher abatement specifically in Yamagami's Nursery vicinity |
| U-Turn Traffic Signaling Imps. | Improvements to current U-turn signaling |
| Public Safety | Research available Technology to increase Public Safety |
| Fiber Optics Extension | Extend Fiber and/or lease according to Cupertino's Fiber and Wireless Master Plan |
| Vision Zero | Research Vision Zero technology used by the City of San Jose |
| Cyber Security | Increase Fraud Prevention awareness |
| High Speed Internet | Explore options for Cupertino Residents/Businesses |
| Artificial Intelligence (AI) Powered Bots | Research Chatbots |
| AirQuality/Water Conservation | Research conservation methods |
| Senior Center Technology | Research Technology needs |
| Public Safety - License Plate Recognition | Research and Interview Bay Area Cities that use License Plate recognition |

Marilyn Monreal

From: Peggy Griffin [REDACTED]
Sent: Wednesday, December 1, 2021 10:27 AM
To: TICC
Cc: City of Cupertino Bike and Ped Commission; City Clerk
Subject: 12-1-2021 TICC Agenda Item #3 FY23 Work Program Suggestion-Public Safety

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 Members of the TICC,

Under your Proposals for FY 2022-2023 City Work Program, row 3:
Public Safety: Research available Technology to increase Public Safety

SUGGESTION #1: Please look into the possibility of making the pedestrian walk signals at major intersections turn on maybe 5 seconds before the traffic light turns green in the same direction.

REASON: When vehicles are waiting to turn right and there are pedestrians waiting to cross, both the traffic light turns green at the same time the pedestrian light says it's okay to cross. This is a very dangerous time for pedestrians.

SUGGESTION #2: Please look into the possibility of installing the big electronic no-right-turn-on-red signs and all signals red to allow crossing in all directions (even diagonal) at some key intersections...possibly at Finch and Stevens Creek.

REASON: Recently these changes were installed at Homestead Rd. and Mary Ave. during the times that school is starting and ending. It's very clear, visible and seems to be a much safer arrangement. Drivers going north on Homestead and wanting to turn right onto Mary Ave can do right-on-red when school is not in transition but when school is starting/ending, it is very clear that right-on-red is not allowed.

Thank you.
Sincerely,
Peggy Griffin

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION
2022 Activities Calendar

JANUARY 12

Mayor's Mtg. at 5 p.m.
Vice Chair Bollineni

JULY 13

Mayor's Mtg. at 5 p.m.
tbd

FEBRUARY 9

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

AUGUST 10

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

MARCH 9

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

SEPTEMBER 14

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

APRIL 13

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

OCTOBER 12

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

MAY 11

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

NOVEMBER 9

Mayor's Mtg. at 5 p.m.
Vice Chair Bollineni

JUNE 8

Mayor's Mtg. at 5 p.m.
Vice Chair Bollineni

DECEMBER 14

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

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION

Action Items

| Owner | Description | Status |
|--------|--|---------|
| Prabir | Revisit Public-Private Partnership with Verizon Communications | New |
| Bill | Review leading edge technology in the Vision Zero space (Include Red light Runner) | Ongoing |

Completed Action Items

| Owner | Description | Status |
|----------------|--|-----------|
| Prabir | Agendize NTT Global Communications | Completed |
| Bill | Request presentation on City's use of OpenGov | Completed |
| Naidu & Prabir | Reach out to Industry Carriers to schedule a 5G Education Presentation for the Community | Dismissed |
| Bill | Reach out to the City of Fullerton to request a Presentation on their Wireless Master Plan | Completed |
| Bill | Present City Work Program Dashboard | Completed |
| Bill | Provide Commission Vision Zero presentation | Completed |