

AGENDA

TICC

10185 North Stelling Road, Quinlan Conference Room; and Teleconference Location Pursuant to Government Code section 54953(b)(2); 8-2-248, VENKATESWARA HILLS, RD#3, BANJARA Hills, Hyderabad, Telangana, India, 500034;

> Wednesday, March 5, 2025 7:00 PM

AMENDED Additional Teleconference Location Pursuant to Government Code section 54953(b)(2); Radisson Blu Hotel Bengaluru, Outer Ring Road, 90/4, Outer Ring Rd, Marathahalli Village, Marathahalli, Bengaluru, Karnataka 560037, India

Amended on 2/28/2025 at 2:30 p.m. to add teleconference location and to revise agenda item description for Item No. 6 and attachment.

Members of the public wishing to observe the meeting may do so in one of the following ways:

- 1) Attend in person at Quinlan Community Center, 10185 N. Stelling Road
- 2) The meeting will also be streamed live on and online at https://youtube.com/@cupertinocitycommission

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

- 1) Appear in person at Quinlan Community Center.
- 2) E-mail comments by 4:00 p.m. on Wednesday, March 5 to the legislative body at TICC@cupertino.gov. These e-mail comments will also be posted to the City's website after the meeting.

Oral public comments may be made during the public comment period for each agenda item.

Members of the audience who address the legislative body must come to the lectern/microphone and are requested to complete a Speaker Card and identify themselves. Completion of Speaker Cards and identifying yourself is voluntary and not required to attend the meeting or provide comments.

ROLL CALL

APPROVAL OF MINUTES

1. <u>Subject</u>: Approve the January 14, 2025, Special Meeting minutes <u>Recommended Action</u>: Approve the January 14, 2025, Special Meeting minutes <u>A - Draft Minutes</u>

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

NEW BUSINESS

- 2. <u>Subject</u>: Receive Presentation on GIS Division Overview
 Presenter: Adam Araza, GIS Business Systems Analyst
 <u>Recommended Action</u>: Receive and File GIS Division Overview presentation
 <u>A Presentation</u>
- 3. <u>Subject</u>: Enterprise Resource Planning (ERP) Overview Presenter: Teri Gerhardt, CGCIO, Chief Technology Officer Recommended Action: Receive Enterprise Resource Planning (ERP) Overview

OLD BUSINESS

- 4. <u>Subject</u>: Review TICC 2025 Schedule and Work Plan

 <u>Recommended Action</u>: Review TICC 2025 Schedule and Workplan

 A Schedule and Work Plan 2025
- 5. <u>Subject</u>: Receive Cybersecurity Working Group Report from Vice Chair Kumar and Commissioner Donthi

 <u>Recommended Action</u>: Receive Cybersecurity Working Group Report from Vice Chair Kumar and Commissioner Donthi

STAFF AND COMMISSION REPORTS

6. <u>Subject</u>: Review 2025 Mayor's Meeting Calendar

<u>Recommended Action</u>: Review 2025 Mayor's Meeting Calendar

A - Mayor's Meeting 2025 Calendar

- 7. <u>Subject</u>: Provide three summary points for the March 19 Mayors Meeting at Quinlan Social Room.
 - <u>Recommended Action</u>: Provide three summary points for the March 19 Mayors Meeting at Quinlan Social Room.
- 8. <u>Subject</u>: Receive Commissioners Report <u>Recommended Action</u>: Receive Commissioners Report

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 City Council, Commissioners or staff concerning a matter on the agenda are included as supplemental material to the agendized item. These written communications are accessible to the public through the City 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.



Agenda Item

25-13785 Agenda Date: 3/5/2025

Agenda #: 1.

Subject: Approve the January 14, 2025, Special Meeting minutes

Approve the January 14, 2025, Special Meeting minutes

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION

Special Meeting January 14, 2025, 7:00 p.m. Quinlan Conference Room 10185 N. Stelling Road

DRAFT MINUTES

CALL MEETING TO ORDER

The meeting was called to order at 7:09 pm

ROLL CALL

Commissioners Present: Prabir Mohanty, Emma Shearin, Mukesh Garg, Balaram

Donthi, Sudeep Kumar

Staff Present: Tommy Yu, CGCIO, Infrastructure (IT) Manager

APPROVAL OF MINUTES

1. Subject: Approve September 25, 2024, special meeting minutes.

Vice Chair Shearin made a motion to approve September 25, 2024, special meeting minutes. Chair Mohanty second the motion.

Motion passes unanimously.

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 per person. In most cases, state law will prohibit the commission from making any decisions with respect to a matter not listed on the agenda.

NEW BUSINESS

2. Subject: Elect Chair and Vice Chair positions

Infrastructure Manager Yu opened the floor for Chair nominations.

Commissioner Kumar proposed Chair Mohanty continue Chairing the Commission. Commissioner Donthi second the motion.

Motion passes unanimously.

Infrastructure Manager Yu opened the floor for Vice Chair nominations.

Chair Mohanty nominated Commissioner Kumar as Vice Chair. Vice Chair Shearin second the motion.

Motion passes unanimously.

3. Subject: Review TICC 2025 Schedule and Work Plan

The Commission reviewed the Proposed TICC 2025 Schedule and Work Plan.

As part of discussion, it was agreed to add the following items to the Work Plan:

- 1.) Study Technology used in public safety for other Cities
- 2.) Investigate use of robotics technology in public works
- 3.) Study City website user interface Imps.
- 4.) Cybersecurity seminar

The Commission expressed interest in adding Division presentations as part of 2025 Work Plan.

Commissioner Shearin made a motion to postpone the remainder part of Item No. 3 for the end and discuss Item No. 6.

Chair Mohanty second.

Motion passes unanimously.

OLD BUSINESS

6. Receive Cybersecurity Working Group report from Commissioners Donthi and Kumar

Commissioner Donthi presented a General Plan Outline to the Commission on file in the Commissions Records.

Commissioner Donthi and Vice Chair Kumar have narrowed down their top ideas to Cyber Security Awareness Program, Cyber Bullying, and Cybersecurity Awareness.

Next steps will include presenting their research at upcoming meetings, as well as providing the group with an overview of how they would approach each option.

The Cybersecurity subcommittee's objectives will be to find and recommend appropriate venue(s), while taking into consideration limited staff resources.

The Commission discussed:

Cyber Security Awareness Program

- Conduct public education with panel discussion in city hall
 - Research on Cyber Attacks affected by Cities (Balaram)
 - Topic: Trending attacks in 2024, Social media & Online banking/shopping
 - Cyber-enabled financial fraud.
 - Attacks on e-commerce spaces, where credit card transactions don't require the card to be physically present.
 - Impersonation.
 - Deepfakes.
 - Account takeover.
 - Identity and social engineering attacks most (99%) of which were password theft attacks.
 - SIM swapping.
 - Help desk social engineering, where attackers impersonate customers to reset passwords or connect new devices.
 - Credential phishing, particularly through phishing-as-a-service projects. Often these are triggered by HTML or PDF attachments containing malicious URLs.
 - DDoS attacks, which caused a global outage earlier this year.
 - o Research who should be on panel (Balaram)
 - Decide if we can do it in Quinlan center or City Hall (Balaram)
 - Agenda and Brochure (Balaram)

Cyber Bullying

- Contact Teen commission (Sudeep)
- Contact Schools (Sudeep)
- Understand what school does (Sudeep)
- Research what school needs (Sudeep)
- Monta Vista Cyber Safety (https://mvhs.fuhsd.org/academics/library/cyber-safety)

Cyber Security Competition

Update to be provided by Vice Chair Kumar at a future meeting

The Commission asked questions, thanking the Subcommittee for the report.

5. Subject: Provide update on Promoting the Santa Clara County Sherriff's Office Camera Registry Program.

Infrastructure Manager Yu provided the following update:

Yu mentioned that in late October, social media posts were made on Facebook, Instagram, and Nextdoor. The social media publication was also widely shared in Cupertino's Winter Scene magazine.

The Commission thanked IT Manager Yu.

NEW BUSINESS

4. Subject: Augmented Reality (AR) McClellan Ranch App Tour Debrief

The Commission received input from Commissioner Donthi.

STAFF AND COMMISSION REPORTS

7. Subject: Receive Commissioners Report

No updates provided.

The Commission discussed the remaining portion of New Business item No. 3:

NEW BUSINESS

3. Subject: Review TICC 2025 Schedule and Work Plan

Vice Chair Kumar noted the new City TICC Webpage does not note the recently revised Roles and Responsibilities.

ADJOURNMENT

Chair Mohanty adjourned the meeting at 8:40 pm.

SUBMITTED BY:	APPROVED BY:	
April DaRosa, Commission Secretary	Prabir Mohanty, Chair	



Agenda Item

25-13782 Agenda Date: 3/5/2025

Agenda #: 2.

<u>Subject</u>: Receive Presentation on GIS Division Overview Presenter: Adam Araza, GIS Business Systems Analyst

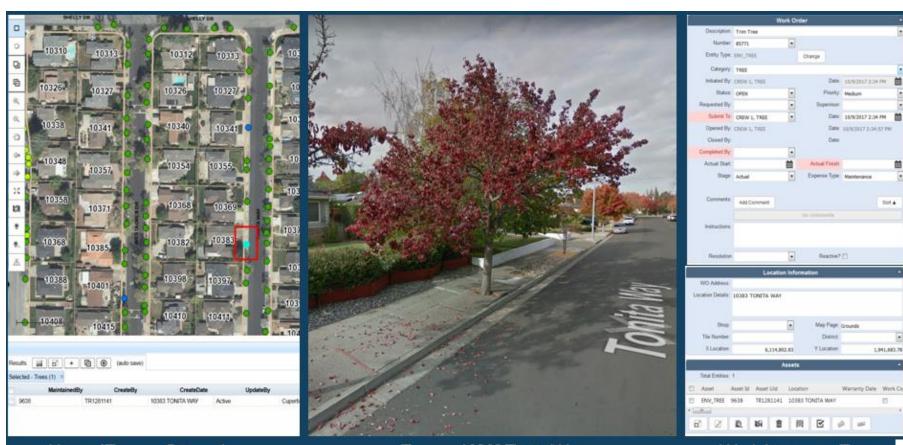
Receive and File GIS Division Overview presentation

Innovation & Technology GIS









View of Tree on Cityworks

Tree on 10383 Tonita Way

Work history on Tree

Data

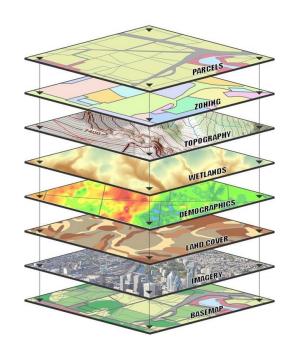






Analysis

Reporting and Visualization

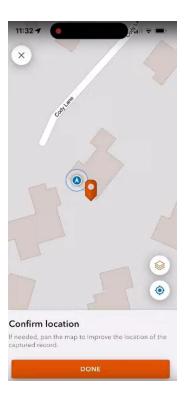






Analysis

Reporting and Visualization









Reporting and Visualization

```
# Delete records in Accela Addresses SDE and append new merge addresses
arcpy.DeleteRows management(accela addresses)
arcpy.Append_management(merge_adress, accela_addresses, "NO_TEST", "", "")
arcpy.Delete management(merge adress)
if arcpy.Exists(pqTable):
    arcpy.Delete_management(pqTable)
arcpy.TableToTable conversion(original ParcleQueries, scratch, pqTable)
arcpy.AddField_management(pqTable, "APN_Join", "TEXT", "", "", 10, "", ""
apn_fields = ['APN', 'SECONDARY_APN', 'APN_JOIN']
with arcpy.da.UpdateCursor(pqTable, apn_fields) as cursor:
   for row in cursor:
       if row[1] is not None:
           row[2] = row[1]
           row[2] = row[0]
       cursor.updateRow(row)
table = arcpy.MakeTableView management(pqTable, 'PQ View')
layer = arcpy.MakeFeatureLayer_management(sde_parcelCondos, 'PC_layer')
arcpy.AddJoin management(layer, "APN SPACE", table, "APN JOIN")
if arcpy.Exists(joined parcels):
    arcpy.Delete_management(joined_parcels)
```

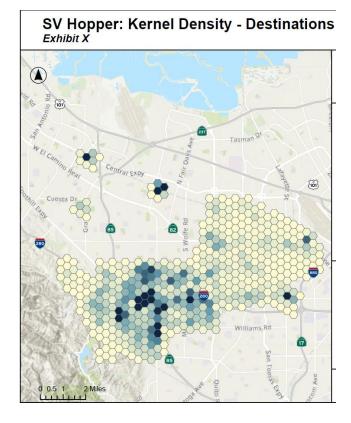
Data Maintenance in Pyth 17.





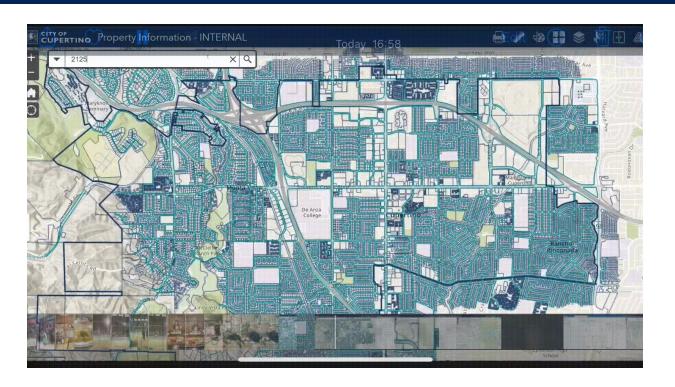
Analysis

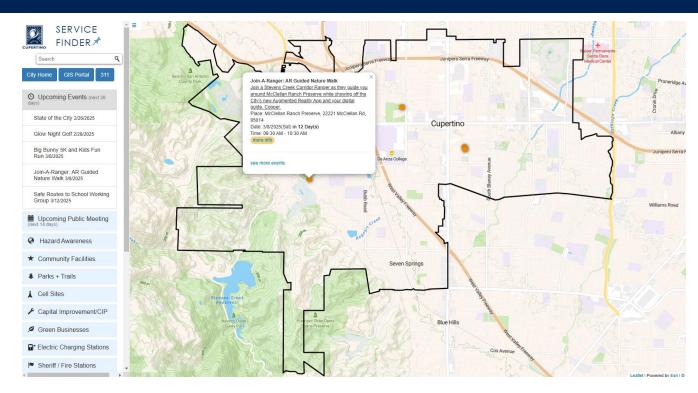
Reporting and Visualization

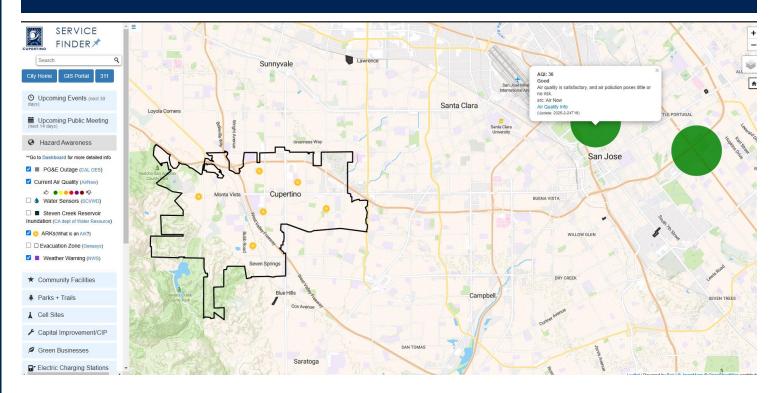


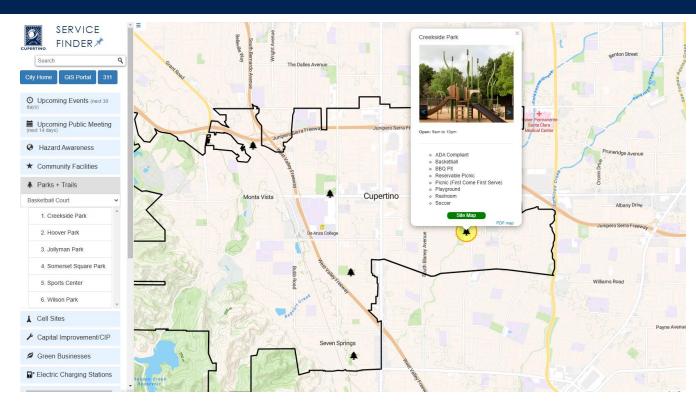
Map of Spatial Data Analysis¹⁸

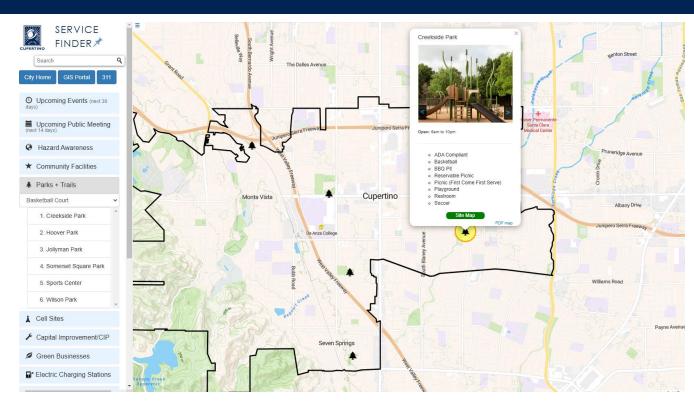














Explore Data Categories







GIS Boundary Layers

GIS Environmental Layers

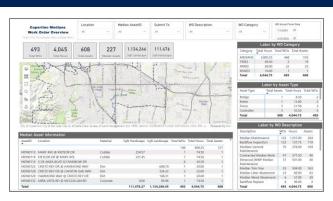
GIS Recreation Layers



Quinlan Interactive Kiosk



Street Light Story Map



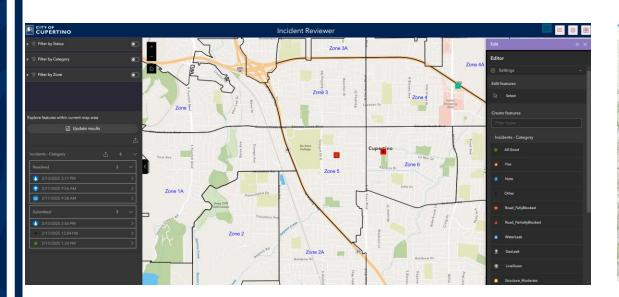
Median Labor Dashboard



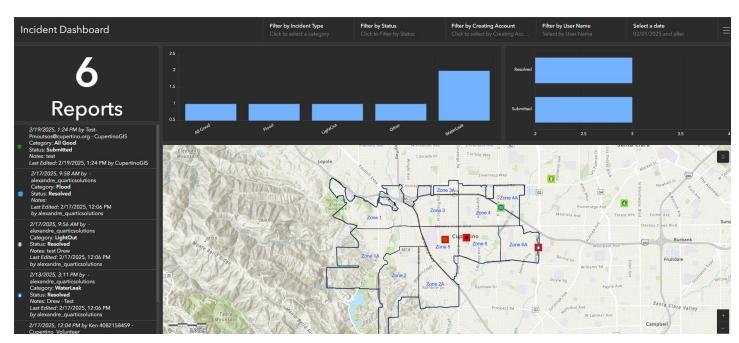
Cupertino.Gov/GIS

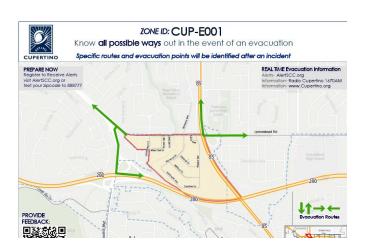
Upcoming Major Projects

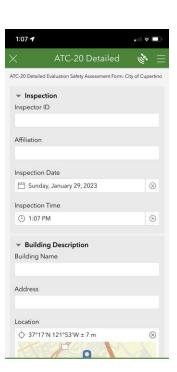


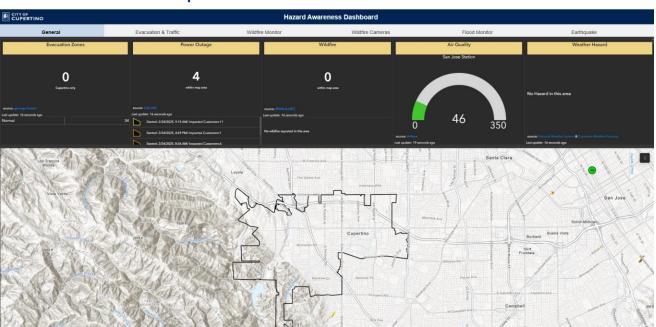




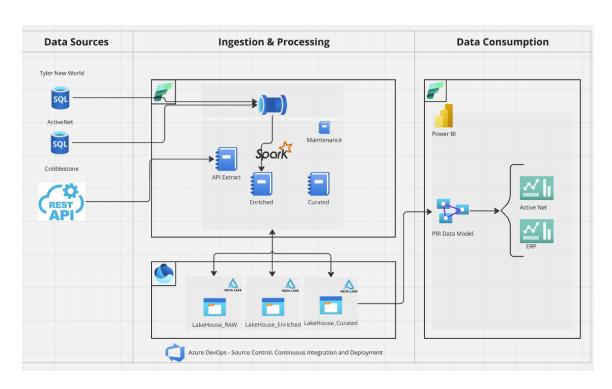




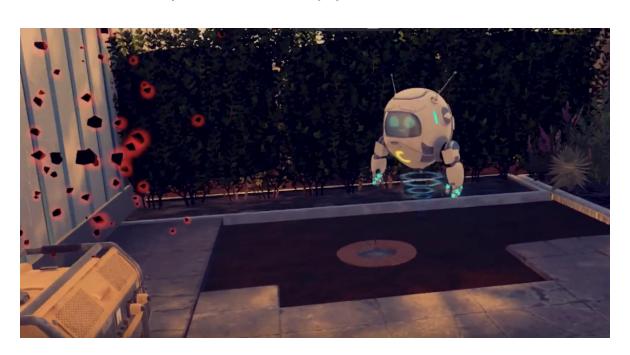




Data Warehouse



Virtual Reality Decarb Application



Al Development



Thank you

Questions?



Agenda Item

25-13789 Agenda Date: 3/5/2025

Agenda #: 3.

<u>Subject</u>: Enterprise Resource Planning (ERP) Overview Presenter: Teri Gerhardt, CGCIO, Chief Technology Officer

Receive Enterprise Resource Planning (ERP) Overview



Agenda Item

24-13483 Agenda Date: 3/5/2025

Agenda #: 4.

Subject: Review TICC 2025 Schedule and Work Plan

Review TICC 2025 Schedule and Workplan

ATTACHMENT A

Technology, Information, and Communications Commission 2025 Schedule and Work Plan						
January 14 Meeting	March 5 Meeting	May 7 Meeting	July 2 Meeting	September Date tbd Meeting	November 5 Meeting	
Approve prior meeting minutes	Approve prior meeting minutes	Approve prior meeting minutes	Approve prior meeting minutes	Approve prior meeting minutes	Approve prior meeting minutes	
Elect Chair and Vice Chair positions	GIS Presentation	Applications Presentation	Infrastructure Presentation	Robotics Technology in PW	Cybersecurity Seminar	
2025 Work Plan	ERP Overview	City Website User Int Imps.	Study Public Safety Technology	Study Robo-Taxis in Cities	tbd	

Summary of Duties – Powers – Responsibilities of Technology, Information, and Communications Commission

Source: Cupertino, CA Municipal Code, Chapter 2.74.060: TICC

The Cupertino Technology, Information, and Communications Commission shall have the following duties, powers and responsibilities, and such others as the members shall be entrusted with by the City Council from time to time. The commission shall:

- 1. Advise the City Council and City Manager on all matters relating to technology, information, and communications within the City of Cupertino;
- 2. Serve as a liaison between the City, the public and the technology, information, and communications providers in enhancing information and education. Such activities include providing an opportunity for input to residents and disseminating noncommercial, educational materials about technology, information, and communications services;
- 3. Provide support for community access television, especially public and educational access, and give guidance when needed for development and implementation of access channels and programming;
- 4. Recommend ways to foster the City's best use of technology, information, and communications infrastructure and services for the maximum benefit of the community; and
- 5. Provide education to the community on the responsible and safe use of technology, information, and communications infrastructure and services, including cybersecurity education and best practices.

(Ord. 1965, (part), 2005: Ord. 1722, (part), 1996; Ord. 1714, (part), 1996; Ord. 24-2267, Att. A (part), 2024)



Agenda Item

24-13347 Agenda Date: 3/5/2025

Agenda #: 5.

<u>Subject</u>: Receive Cybersecurity Working Group Report from Vice Chair Kumar and Commissioner Donthi

Receive Cybersecurity Working Group Report from Vice Chair Kumar and Commissioner Donthi



Agenda Item

25-13790 Agenda Date: 3/5/2025

Agenda #: 6.

Subject: Review 2025 Mayor's Meeting Calendar

Review 2025 Mayor's Meeting Calendar

ATTACHMENT A

TECHNOLOGY, INFORMATION & COMMUNICATIONS COMMISSION

Mayor's Meeting 2025 Calendar

JANUARY 15

Canceled

JULY 16

Mayor's Mtg., 5-6:30 pm, format tbd,
Chair Mohanty

FEBRUARY

Canceled

AUGUST

Canceled

MARCH 19

Mayor's Mtg. in-person 5-6:30 pm, Quinlan Center Vice Chair Kumar **SEPTEMBER 17**

Mayor's Mtg., 5-6:30 pm, format tbd,
Chair Mohanty

<u>APRIL</u>

Canceled

OCTOBER

Canceled

MAY 21

Mayor's Mtg., 5-6:30 pm, format tbd,
Chair Mohanty

NOVEMBER 19

Mayor's Mtg., 5-6:30 pm, format tbd,
Chair Mohanty

JUNE

Canceled

DECEMBER

Canceled



Agenda Item

Agenda Date: 3/5/2025 25-13784

Agenda #: 7.

Subject: Provide three summary points for the March 19 Mayors Meeting at Quinlan Social Room.

Provide three summary points for the March 19 Mayors Meeting at Quinlan Social Room.



Agenda Item

Agenda Date: 3/5/2025 25-13783

Agenda #: 8.

Subject: Receive Commissioners Report

Receive Commissioners Report