Southern Alameda County
Geographic Information System Authority
Meeting Agenda and Report
Wednesday, May 22, 2024

General Order of Business

1. Call to Order – 6:00 p.m.
2. Roll Call
3. Consent Calendar
4. Public Oral and Written Communications
5. Report of Secretary
6. Report of Treasurer

7. Action Items
8. Director Comments
9. Date and Place of Next Meeting
10. Adjournment

Order of Discussion

Generally, the order of discussion after introduction of an item by the Chair will include comments and information by staff followed by the Southern Alameda County Geographic Information System Authority (SACGISA) Board questions or inquiries. An authorized representative or interested citizen may then speak on the item. At the close of public discussion, the item will be considered by the SACGISA Board and action taken.

Addressing SACGISA

Any person may speak on any item under discussion by the SACGISA after receiving recognition from the Chair. When addressing the SACGISA, please state your name and address. In order to insure all persons have the opportunity to speak, a time limit may be set by the Chair for each speaker. In the interest of time, please limit your comments to new material; do not repeat what a prior speaker has said.

Public Oral and Written Communications

Any person desiring to speak on a matter which is not scheduled on this agenda may do so under the Public Oral and Written Communications section of the meeting. The Chairperson will limit the length of presentation. California Government Code Section 54954.2(b) prohibits SACGISA from taking any immediate action on an item which does not appear on the agenda, unless it meets stringent requirements.

Assistance

Assistance will be provided to those requiring accommodations for disabilities in compliance with the Americans with Disabilities Act of 1990. Interested persons must request the accommodation at least two working days in advance of the meeting by contacting John Leon, SACGISA JPA Secretary/City of Fremont GIS Manager at (510) 494-4831 or jleon@fremont.gov.

Information

For information about SACGISA or items scheduled on the Agenda and Report, please visit SACGISA.org or contact John Leon, SACGISA JPA Secretary/City of Fremont GIS Manager at (510) 494-4831 or jleon@fremont.gov.

SACGISA Board	SACGISA Staff
ACWD – Paul Sethy	**ACWD** – David Yu, Girum Awoke, Daniel Park
Fremont – Raj Salwan	**Fremont** – John Leon, Bronwen Lacey, David Persselin, Sanford Taylor, Ruby Wun, Ron Chan, Ed Chew, Tim Hayes
Newark – Michael Hannon	**Newark** – Matthew Jorgens, Soren Fajeau, Edwin Miranda, Narayan Krishnan, Peter Fong, Sheena Raj
USD – Tom Handley	**USD** – Richard Scobee, Raymond Chau, Robert Simonich, Curtis Bosick, Christopher Pachmayer, Lusine Petrosyan

SOUTHERN ALAMEDA COUNTY
GEOGRAPHIC INFORMATION SYSTEM AUTHORITY
MEETING AGENDA
Wednesday, May 22, 2024
6:00 P.M.

Alameda County Water District
Multi-Purpose Room
43885 S Grimmer Boulevard
Fremont, CA 94538

Currently, there are no special requirements.
This is subject to change based on state/county requirements.
Attendees are welcome to wear masks if they want to, but it is not required.

1.   **Call to Order**

2.   **Roll Call**

3.   **Consent Calendar**

    3.1   **Approval of Minutes of Last Meeting (Attachment A)**

4.   **Public Oral and Written Communications**

5.   **Report of Secretary**

    5.1   **Update on JPA Projects**
    5.2   **Review of Fiscal Year 2023/24 Budget**
    5.3   **GIS Demonstrations**

6.   **Report of Treasurer/Controller**

    6.1   **Financial Report (Attachment B)**

7.   **Action Items - General Business Matters**

    7.1   **Election of Chair and Vice-Chair of the Joint Powers Authority (Attachment C)**
    7.2   **Approval of FY 2024/25 Budget (Attachment D)**
    7.3   **Resolution Honoring Ariz Naqvi for Distinguished Services (Attachment E)**

8.   **Director Comments**

9.   **Date and Place of Next Meeting**

10. **Adjournment**

5.1   UPDATE ON JPA PROJECTS

- **JPA**

    - **Outreach and communication with the City of Union City and Alameda County - Update**

On April 11, 2024, an email invitation was sent to our counterparts at the City of Union City and Alameda County to attend our SACGISA meeting scheduled for May 22, 2024. The invitation included a link to the SACGISA website so that they may access our ongoing and past agendas.

    - **Alameda County Pictometry Aerial Contract - Update**

A contract with Alameda County and EagleView has been signed to obtain an updated flyover on the Pictometry imagery covering the Tri-City area. Pictometry is aerial imagery that shows overhead and side views of buildings and ground locations. SACGISA realized approximately 10% savings from other local municipalities joining the Alameda County contract. The aerials were captured in September 2023. While a flyover is generally performed every 3 years, a more frequent flyover is being discussed.

    - **EagleView Pictometry Custom Data Contracts - Update**

SACGISA entered into two new contracts with EagleView for additional custom services. The first contract captures Building outlines, Lidar / DEM / Contours—1 foot and 2 feet, Reveal TrueTouch Property, Reveal Certified Ortho Property, Reveal Four Band Color Infrared Property, and ChangeFinder—Pool & Deck locations. The contract includes ChangeFinder, a tool that detects changes between Pictometry aerials of different date vintages, building outlines, deck, and pool finder service.

The second contract is funded by the Cities of Fremont and Newark. It captures Third Party Planimetric data such as Curbs, Approximate Area Outline, Area Under Construction, Athletic Fields, Shrubs (points), Tree lines, Trees, and Vegetation Outlines.

    - **Disperse Multi-Unit Address Points Contract - Update**

SACGISA entered into a contract with Geographic Technologies Group (GTG) using a Master Service Agreement with the State of California. This project will have existing address points stacked on each other to be dispersed to an address's actual assigned location. This level of accuracy is needed for emergency services purposes.

The need to correct the stacked address points was recognized during Fremont's Address Data Management Design project. Approximately 14,592 stacked address points were identified. The distribution of these address points is in Fremont, which has 8,438 points; Newark, which has 4,483; and Union City, which has 1,671. Though Union City is not part of SACGISA, it was imperative to include them in this project because of the importance of the Fremont-Union City Police Dispatch Service.

Work on the address point dispersal is underway. The cities' costs are assigned based on the corrections attributed to their respective jurisdictions.

- **ACWD**

  - ○ **Implementation of Cityworks PLL (Permits, Licensing, and Land)**
  Cityworks PLL was selected to help improve efficiencies in the groundwater permitting process, add a spatial component for groundwater permits, and allow customers to submit permit applications online. ACWD's implementation of Cityworks PLL for Groundwater Resources Division has been completed and the site has gone live as of April 19, 2024.

  - ○ **Agenda Mapping for Board Meetings**
  Improvements have been made to the Agenda Mapping for Board Meetings. The Agenda Map has been used at ACWD Board of Director meetings so that Directors can recuse themselves from discussions and decisions related to projects within 500' of their own property interests. A workflow had been developed in 2018 using Excel and python scripts to map the items. We have taken this workflow into the ArcGIS web map application, whereby agenda items will be added directly to the map and skipping the need for an intermediary step. In prior years, users needed some knowledge of ArcMap to be able to add the points, but by using ESRI's web map application, adding points for non-GIS users has become a much simpler task.

  - ○ **infraMAP Cloud for Backflows**
  Backflow Prevention Management Software (BPMS) – The Distribution Maintenance Division has been using the software for over a decade and has reached its end of life. iWater's infraMAP solution was selected as being the best suited replacement. Improvements include: ability for outside testers to submit tests online, ability for internal testers to enter information directly while in the field, eliminates the paper process and manual data entry where possible, contains a GIS component where backflows are visible on a map (e.g., backflow status – tested or to-be tested visibility), ability to assign test by location, and eliminate weekly manual import of customer data into the system by office admins.

  - ○ **Upgrade infraMAP Field to infraMAP Cloud**
  ACWD is upgrading infraMAP Field, the desktop application, to the cloud version of infraMAP for exercising valves and adding 811 tickets. Benefits of this upgrade include cost savings in annual maintenance and license fees (primarily due to the removal of the ArcGIS Engine license needed by the vendor to provide service), posting of data in near real-time, eliminating the need to manually sync data at the end of day, and eliminating time sync issues where one user's workstation may take too long to sync resulting in untimely data views. Future plans for this software will include water hydrant inspections and maintenance.

  - ○ **Lead Service Line Inventory (LSLI)**
  In June 2018, ACWD completed a state mandated lead service line inventory. Since not all service lines are in GIS, information was pulled and combined from several sources such as landbase GIS data and tabular assessor data to determine construction timelines. The District's leaks database and construction standards were utilized to determine assumed pipe materials.

  Beginning with the AMI Project, AMI meter installers were tasked to identify utility and customers' line materials and pipe sizes as part of their work, This has resulted in a more comprehensive data set of pipeline inventory within our jurisdiction.

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Using Cityworks AMS, work orders for the repair and replacement of service lines and new construction have also given us more accurate data on service line materials and sizes in the area.

With all this data, we have hired POWER Engineers to help with our LSLI project which involves:
- Creating a living dataset – an inventory of customers' and utilities' service lines
- Publishing the service line inventory via a web map for public viewing
- Exporting annual reports for State compliance
- Identifying customers to be notified when materials including galvanized service lines or lead service lines are discovered. There events require affected customers who are "downstream" to be notified within 24-48 hours as they must be provided with pitchers and three months-worth of filters.

- **Fremont**

  - **Address Data Management Design project - Update**

This last fiscal year, Fremont's GIS finalized its Address Data Management Design Project. The primary goal of the Address Data Management Design project is to streamline the addressing process used by GIS and to find more efficient ways to automate and integrate GIS data with the existing business systems (GIS, CRM, Accela, etc.) so that Fremont's community, businesses, and City departments can be better served.

Five of the twenty-eight recommended tasks identified in the Project have already been completed, and ten are in progress. The completed tasks relate to Story Map development, including document addressing/street name review requirements, synchronizing data, data sharing, and updating information on Fire Site Plans.

The Address Data Management tasks in progress this fiscal year are:

- **Digital Submittal Policy documentation:** Conversion of Fremont's digital submittal policy to a joint policy for SACGISA partners. The remaining work on the policy is to reach out to private-sector engineering firms for comments and testing.
- **Disperse Multi-Unit Address Points**: This task has also been identified as a SACGISA project since many address points needing correction are located in Newark, Union City, and Fremont. It is listed in this section since it was a task outlined in the Address Data Management Design project for Fremont.
- **Addressing Plan Consolidation and Digitization**: This task involves scanning, digitizing, and organizing Addressing documents into one central location to simplify access to the documents by staff. The scanning has been completed. The remaining work is to organize the documents into one central location (i.e., GIS online inventory).
- **Address and Street Name Applications in Accela** *(i.e., covering three of the ten tasks):* Design/integration of a GIS Addressing/Street Name application in Accela (Fremont's permitting system) has begun. The new Accela application would allow applicants to submit online their application and required documents through the Accela Citizen Access portal (ACA). In addition, it would also enable City staff to track the request as it proceeds through the GIS workflow or be able to associate the GIS application to their related applications, such as a building permit where a new address is being requested. This task is also associated with the GIS cost recovery charge for development services in relation to addressing requests and street name review mentioned in the section below.

- These two of the ten tasks will commence once their contracts have completed review. It is estimated that work can begin by this summer.
  - **Addressing Plan Boundary Creation**: This task involves the development of a semi-automatic process/workflow that would generate an addressing plan boundary polygon outlining the total extent of the address request location and assign a unique Addressing Site Plan Number to the boundary polygon.
  - **Streamline Address Point Placement Process**: This task aims to simplify and automate the address point placement process as much as possible and institute automated quality control. The process is manually intensive, involving Excel worksheets, updating XY values, and running FME processes.

o **GIS Cost Recovery Charge**

This year, Fremont is proposing a cost-recovery charge to be added to the Master Fee Schedule for development services provided by the GIS Division. The charges would be required when assigning, rescinding, or verifying addresses and street name review services by an applicant/developer beyond what is currently required from GIS for City departments. The established practice allows GIS to charge only one hour for an entire addressing project, regardless of size and complexity. The proposed charge would be in alignment with the size and complexity of the development services needed to be done.

The proposed charge could augment the funding of future projects, including, but not limited to, the following:

- ArcGIS Indoors - Public Safety (Phase 2 – Fire Site Plans conversion)
- Integration with GIS:
  - Business License/GASB
  - MyEvolve to map client addresses and aggregate data
- Integration of GIS Addressing workflow enhancement with Accela (Digital Submittal Portal for reviewing applicant/developer AutoCAD plans)
- Future recommended projects to be included in the GIS Strategic Plan based on City department needs
- Modernization of our GIS architecture to accomplish listed and future projects

o **GIS Strategic Plan project - Update**

Fremont's GIS is concluding its work with Geographic Technologies Group (GTG) on developing a five-year GIS Strategic Plan. The Plan recommends many future GIS services, applications, and products to serve Fremont's Community, Partner Agencies, and City Staff. All City Departments and Divisions were interviewed, and an online public survey was conducted. The interviews and online survey were conducted to determine what Staff's GIS needs are (i.e., either for their use or what they would like to have provided to the public) and what the Public was interested in. Over 340 list items listed ranged from requests for additional data & software, integration with existing software programs, custom apps & dashboards, equipment to collect data, Story Maps, training, and workshops). The report by GTG analyzing Staff's GIS needs is being finalized.

o **ArcGIS Enterprise 11.1 Implementation**

GIS is migrating to ArcGIS Enterprise 11.1 (ArcGIS Pro-based runtime) from version 10.6.1 (ArcMap-based runtime). ArcGIS Enterprise installation will include Portal for ArcGIS, ArcGIS Server, and ArcGIS Data Store, with plans to add ArcGIS GeoEvent Server, ArcGIS Image Server, and ArcGIS Monitor. A Production environment, Test environment, and optionally a Development environment are being implemented for best practices with server patching, testing application enhancements, and rollouts of new features.

ArcGIS Enterprise 10.6.1 will run parallel to version 11.1 and will be in place until the complete migration of GIS ArcMap desktop map projects, layers, web services, and applications occurs. All web services and geocoders will require re-publishing. GIS will also reevaluate existing services in 10.6.1 that are no longer in use and consolidate them better. New functionality includes upgrades to the Map Viewer, improved Dashboards, and support for Windows Server 2016 and higher.

        o **Street Sign Inventory Data Collection and RFP**

Fremont's Public Works Department maintains approximately 500 centerline miles of public roads containing an estimated 85,000 regulatory and warning signs. The scope of work for the RFP included surveying all regulatory, warning, and guide signs in the City's road network. The data collected will be integrated with work orders in the City's new Cityworks Asset Management System.

Public Works collaborated with GIS during the RFP process for GIS asset specifications, interviews, evaluating vendor qualifications, reference checks, and recommending final vendor selection. GIS recommended capturing a pilot area before moving forward with citywide sign data collection. This process allows the City to evaluate the quality of data capture, including GPS positional accuracy, photos of signage captured, and asset information.

Pilot Areas - Two pilot areas were chosen to test data capture and quality. They are as follows:
- 5 Corners to 680/Luzon Drive
  - 5 Corners - Fremont Blvd (both sides), Washington Blvd, Union Street, & Bay Street
- Paseo Padre Pkwy from Grimmer Blvd to Mowry Ave/Whole Foods

The inventory and condition assessment of the signs will be a living tool to help manage City assets and comply with the FHWA requirements for minimum levels of sign retro-reflectivity, as outlined in the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD). Retro reflectivity helps improve safety at night by bouncing light off-road signs from vehicle headlights back toward drivers' eyes, making signs appear brighter and easier to read. Retro-reflective properties deteriorate over time, so monitoring and maintaining signs to remain clearly visible at night is necessary.

The street sign inventory also serves to document conformance standards and log updates as signs are added, removed, or replaced. Data would be collected on the total number of signs, location coordinates and type of sign, the color, shape, age, mount, and/or post type, and retro-reflective performance. Staff will place each sign's location on a GIS layer and track the related maintenance within the maintenance management software system (Cityworks). With this data, staff can forecast necessary sign maintenance and replacement proactively.

        o **Safe Software Local Government Subscription - 5-Year Renewal**

The City of Fremont has renewed its' Safe Software Local Government Subscription (LGS) with a 5-year contract. The advantage of a Safe Software LGS will enable the City to continue to access Safe Software's full suite of products, such as their flagship product called Feature Manipulation Engine (FME) Form (formerly known as Workbench) and FME Flow (formerly known as Server) for the entire City organization, rather than a limited number of licenses. FME is a primarily spatial Extract, Transform, and Load (ETL) tool.

- **Customer Success Story with Safe Software**

On November 15, 2023, Safe Software published a customer success story titled "The City of Fremont in California uses FME to easily coordinate reporting for Department of Justice compliance with the Racial and Identity Profiling Act (RIPA)." The story highlights using FME at the City of Fremont as a quality control and analysis tool, creating reports and notifications, and improving reliability in high-quality data for better decision-making. The story is available at https://fme.safe.com/fme-in-action/customers/the-city-of-fremont-uses-fme-to-meet-ripa-data-standards/

- **eGIS Accela Report - Update**

eGIS is an interactive mapping application for City Staff providing access to data and mailing list generation. And now available in eGIS, is the eGIS Accela Report provides a direct link to Fremont's Accela Automation permitting system. The report is accessed by selecting a parcel in eGIS and clicking the Accela Report link. It should be noted that viewing the Accela permit information in this manner does not require a user to have a license to Accela. In addition, as permits are recorded/edited in Accela, the information is automatically listed in the eGIS Accela report. Since the report is linked using ColdFusion to Accela Automation via the Accela APIs, there is no need for staff to process data before it appears in the Accela Report. The permit report consists of a summary of permits associated with a selected parcel and provides more detailed information on a selected permit in the summary report. Response from staff regarding the Accela Report has been favorable. And, it has been reported that even those with direct access to Accela Automation frequently use the Accela Report in eGIS.

It should be noted that as permits are being applied for, they use the current Assessor Parcel Number (APN) at the time of the application. However, changes to a parcel's APN may be triggered by its development (i.e., such as a division of land). When this happens, a different APN would be assigned by the County Assessor's Office. Permits applied for after an APN change would be associated with that new APN. To provide a full permit history of a parcel for the Accela report, a listing of past APNs is needed to associate the past APNs with the current APNs. This work should be completed this year.

- **Cityworks Asset Management - Update**

Cityworks is an industry-leading GIS-centric enterprise asset management solution for local governments and utilities to plan, manage, and assess public infrastructure assets effectively. The Cityworks platform enables seamless integration of inspections, maintenance activities, inventory management, and permitting within a modern configurable software package. Built on ArcGIS technology, the platform allows governments and utilities to work smarter and better serve their communities.

As part of the implementation process, work by GIS included the following:
- Provided 26 layers in a sandbox environment for use during testing.
- Onboarded City Staff using Cityworks onto Fremont's eGIS Portal for Single Sign On (SSO) access to Cityworks.
- Developed a multi-role address locator tool so that when a service request, such as a broken park bench or downed tree, is created, the location of the request will be plotted on the GIS map within the software. The address locator tool also allows users to locate parks and city facilities by name or address.

- o **Open Data Hub – Story Maps Gallery**

Due to the growing number of Story Maps being created, a dedicated [Story Maps Gallery](#) has now been added to the Open Data Hub to make them easier to find. To date, there are a total of 13 Story Maps. As of May 14, 2024, there have been over 100,332 views of the Open Data Hub Site. As seen from the number of views, the Open Data Hub continues to be a tool for our residents and city employees. All are encouraged to explore its range of resources at https://fremont-ca-open-data-cofgis.hub.arcgis.com/.

New Story Map - In Progress
- o CIP Project Locator Interactive Map/Story Map
    - ▪ In coordination with the Public Works Department, GIS is creating a CIP Story Map and/or interactive map using Web App Builder and Experience Builder to show the locations and progress of Fremont's five-year CIP project. Development began in late 2023 and is expected to be completed in 2024.

Existing Story Maps
- o [Addressing by the City of Fremont](#)
    - ▪ An Addressing Story Map Collection with eight individual Story Maps detailing Fremont's addressing process.
- o CDD was provided with instructions and training on the three Story Maps co-developed by ITS/GIS Division and CDD so that they could assume responsibility for their maintenance and updating.
    - ▪ [Affordable Housing in Fremont](#)
        - • Showcases the City's existing and upcoming affordable housing developments
    - ▪ [Art in Public Places](#)
        - • Explore artwork throughout Fremont.
    - ▪ [boxART!](#)
        - • Exploring artwork at Fremont's intersections
- o [Get to Know Your City Council](#)
    - ▪ Information on the Mayor and each City Councilmember, the District they serve, and their contact information. Updates are made to the Story Map as changes occur.
- o [GIS: What is it?](#)
    - ▪ The "GIS: What is it" Story Map showcases the products and services provided by the GIS Division within Fremont's ITS Department.

Agenda and Report – SACGIS Authority Meeting   May 22, 2024

- **City Departments requesting GIS Data/Web Services**

The following information lists the many ways Fremont's GIS Division serves the City Departments with data collection and/or research, creating web services, general mapping/data analysis, or the use of FME for data integration/formatting. In addition, GIS may be called on to link or provide GIS services/data for the various software programs used by City staff. Many of the services requiring data collection and/or analysis may be needed frequently (i.e., such as on a monthly, quarterly, or yearly basis).

- Community Development
  - Accela permitting – GIS data for use in Accela; Accela Report (eGIS)
  - Affordable Housing Mapping and Story Map
  - Art in Public Places Story Map
  - boxART! Story Map
  - Data management and maintenance of Planning data layers
  - Desktop publishing and graphic support
  - Development Activity map – data analysis and mapping of information on major development projects citywide
- City Mangers Office
  - Citywide Council District maps
  - Council District Locator app
  - CRM
  - Get to Know Your City Council Story Map
- Environmental Services
  - Data management and maintenance of data layers
- Human Services
  - Age Well Center demographic study – data analysis and mapping
  - Eviction Notice Analysis – Keep Fremont Housed
  - Rent Review – Keep Fremont Housed
- ITS
  - govDelivery integration with Active Directory
  - Fiber Master Plan Maps
  - Potential Wireless Deployment Areas - mapping
- Maintenance
  - Geotab – City vehicle tracking
- Parks and Recreation
  - ActiveNet
- Public Works
  - BOSS811 – Underground Service Alert
  - Data management and maintenance of PW data layers
  - PWC Project locations – data analysis/collection and mapping
    - CIP Project Locator/Story Map
  - Traffic Signal Communications Infrastructure mapping
- Public Works / Parks and Recreation / Community Services
  - Cityworks - Asset Management
- Public Safety
  - Chameleon – Fremont Police – Animal Services
  - CopLogic – Fremont Police – Crime Analysis
  - DataTicket – Fremont Police – Alarms Permits

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- DECCAN – Apparatus Deployment Analysis Module (ADAM) Project Plan – Fremont Fire
- HdL (i.e., City's business license data) and State of California data on Schools, and Care Facilities data – extract and formatted
- Lexis/Nexis SFTP upload PDF Crash Reports – Fremont Police - Records
- Livestock map – Fremont Police – Animal Services
- Maverick Map 911 & RMS – Fremont Police
- ProPhoenix 911 – Fremont Police
- Real Time Information Center (RTIC) – Fremont Police - Crime Analysis
- RIPA – Fremont Police
- All departmental staff and/or General Public
  - Technical support for staff only
  - Data creation and maintenance for app, including instruction on usage:
    - eGIS (Staff)
    - eGIS Public)
    - Open Data Hub (Staff and Public)

- Future projects: The following is a brief list of future projects.

  - All departments and SACGISA
    - Complete contract negotiations with CoreLogic to provide bulk export of property data to replace that exported from MetroScan.
    - Create a ColdFusion report to replace te MetroScan report
  - Community Development
    - Assisting in the analysis of all multi-family residential buildings that contain three or more dwelling units that have exterior elevated elements (i.e., such as balconies).
  - Human Services
    - Yearly analysis of Assessor and City data needed for Annual Rent Review
  - ITS
    - Continue to implement suggestions recommended in the Address Data Management Project.
    - Begin work on suggestions recommended in the GIS Strategic Plan.
  - Public Works
    - Inventory of all street signs the City is responsible for maintaining. GIS will be responsible for data QA/QC of the consultant's field data and integrating the data into the City's Enterprise GIS, including eGIS and Cityworks.
  - Public Safety
    - DocuPet – Fremont Police – Animal Services
    - Live911 – Fremont Police

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- o **GIS participation in the Emergency Operation Center (EOC)**

    - **Storm Incident Tracker (SIT) app - Update**

In February 2024, Public Works initiated the SIT app for field crews to log, respond, identify, and resolve storm incidents related to Streets, Parks, Buildings, and Trees that occurred in the City of Fremont. Most storm incidents reported that impacted neighborhoods were downed trees and areas of flooding due to the heavy rain and high winds.

GIS is assigned to the Planning Section of the EOC. EOC Staff can access the Storm Incident Tracker and Earthquake, Weather, and Wildfire apps that GIS developed.

    - **Tri-City Multi-jurisdictional Local Hazard Mitigation Plan - Update**

The Tri-City Multi-jurisdictional Local Hazard Mitigation Plan is a partnership between the cities of Fremont, Newark, and Union City, as well as Alameda County Water District and Union Sanitary District. The plan is to reduce long-term risk and loss to people and property in the Tri-City area and bolster community resilience in the face of future natural disasters. GIS provided data for use in the plan on behalf of Fremont.

GIS provided extensive comments during the in-person review process meetings. Of the 34 recommended City of Fremont Mitigation Plan Action outcomes, 2 of them are specifically related to GIS. They are:
- Mitigation Action #5 - Enhance GIS mapping of natural hazard risks, with Critical Facilities and Lifeline overlays.
    - o Using GIS data collected during plan development -- and additional sources, as needed – to develop integrated GIS mapping for Mitigation and Preparedness purposes.
    - o Mapping should consist of the following natural hazard layers such as Hazards (Flood, Earthquake, Landslide, Tsunami, and Wildfire) and Critical Infrastructures.
- Mitigation Action #6 - Enhance GIS mapping of real-time threat and hazard conditions, with Emergency Services overlays.
    - o Develop an integrated GIS map of real-time threat and hazard conditions, with integrated feeds from official sources
    - o Develop overlays, which can be manually added in emergencies by designated Fire Department (including OES), Police Department, City Manager's Office – Communications, Public Works, and EOC personnel.

- o **Fire Department**

    - **DECCAN - Apparatus Deployment Analysis Module (ADAM) Project Plan**

ADAM is a "What if?" predictive modeling tool that uses historical CAD data, GIS map data, and a rigorous projection algorithm to project the impact of deployment changes on the fire department's response times and availability. GIS provided data layers such as Streets, City Limits, Census Tracts, Emergency Service Zones, Fire Stations, Parks, Schools, Medical Facilities, Shopping Centers, and Hazard Areas for use in the modeling tool.

- **Fire Hydrant Inspection - Update**

GIS relaunched the Fire Hydrant Inspection app in 2024 after successful inspections performed in 2015 and beyond with refreshed hydrant data provided by ACWD. Approximately 400 hydrants have been added since 2015. New hydrants will be added for inspections using FME workflows to detect the changes and update accordingly. FME workflows will also be used to create reports, analyses, and notifications for Fire and ACWD to identify hydrants tagged for repair, broken, or needing maintenance.

The Fire Hydrant Inspection app consists of three components. One is a mobile application using ArcGIS Field Maps, which allows Fire crews to use their iPhones and iPads to inventory the physical status of fire hydrants in Fremont. The second app allows the administrative staff to view the fire hydrant service work on their desktop or smart device as the crews perform inspections. The third component is a dashboard for desktop and mobile to provide Fire Command Staff an overview of the total number of fire hydrants inspected at the Fire Station level.

- **Wildland Urban Interface (WUI) Map - Update**

The Wildland Urban Interface Map is an ongoing effort to provide an accurate "hill road" map in keeping with the requirements outlined in Cal. Gov't Code § 51179. The process of creating the GIS WUI Map started in 2018, with the fire crews driving the entire Fremont hill area and capturing GPS data of the roads and any gates/obstructions that may impede emergency services response. GIS is exploring updating the map using ArcGIS Field Maps with the Fire Department. In addition, GIS has developed a new WUI ArcGIS Fields Maps App that includes the layers shown on the previous WUI map, which can be used for preplanning purposes.

The "Wildland Urban Interface Map" (Field Maps app) works within the iPad-based Avenza application with the following benefits:
- Easier to update maps regularly and without printing costs
- Live location on map
- Water supplies, gates, structures, etc., can be viewed on the map, which allows the user to annotate these features.
- Ability to use the map even when disconnected from internet access
- Ability to share the map with non-Fremont agencies assisting the City in mutual aid on incidents
- QR code file access for easy distribution
- Zoom-in feature allows for better topo and feature viewing
- Cooperation with our local Parks District GIS Division for a further improved map
- Cell phone location information combined with this georeferenced map aiding in faster arrival times
- Ability to link photos, video, voice recordings, and documents to data points captured in the app.

- o **Police Department**

  - **RIPA - January 2024 Amendments - Update**

Beginning January 1, 2024, the Department of Justice (DOJ) amendments to the Stop Data collection were incorporated into the Esri GIS Survey123 solution. On February 15, 2024, Fremont submitted RIPA records to the DOJ collected from January 1, 2023, to December 31, 2023. All records submitted to DOJ by the City of Fremont passed without errors.

The Fremont Police Department, in coordination with the Information Technology Services (ITS)/GIS Division, officially launched the Racial and Identity Profiling Act (RIPA) app for Stop Data collection on January 1, 2022. The RIPA Act requires data to be collected at the stops of people arrested, detained, or searched (including consensual searches).

  - **ProPhoenix GIS Integration**

The City's current e911 dispatch system is being replaced by ProPhoenix software. The new system requires a different approach for integrating address and street GIS data than the e911 dispatch system. To ensure that the City's address and street GIS data could be used in the new application, GIS created 9 new workflows using FME software. These workflows will ensure that ProPhoenix has the most current addresses and street information necessary for dispatchers to use.

- **Newark**

  - ○ **ArcGIS Enterprise**

  Installed ArcGIS Enterprise at Newark under the Small Government Enterprise Agreement. Continuing to add data from file shares to the SQL database. Intention is to use GIS and spatial maps as key components in managing the City's assets and development.

  - ○ **Data Elements and Integration**

  Adding data elements from projects (example includes streetlight data) to GIS to provide critical information that benefit many of the City's operations, including future Smart Technologies.
    - Integrated GIS with Community Development/eTrakit (land management) and will continue integration efforts as the city has identified Enterprise Asset Management as a key initiative as well as integration with Laserfiche (document management) applications to improve field-based information storage and retrieval. Continued focus on expanded integration with the City's enterprise applications will improve application effectiveness.

  Continuing to develop GIS datasets that can be used to create geospatial data interfaces for major application systems to improve information availability and efficiency.
    - Police Department continues to use Esri regularly to capture crime data for reporting.

  - ○ **Training**

  Expanding the City of Newark's GIS capabilities to supply departments with geospatial data and coordinate training on GIS tools.
    - Working in coordination with Pro-West to coordinate training on GIS tools.
    - Esri User Conference, Esri CIO Summit and Esri Planning Directors Summit participation.

- **USD**

  o **VertiGIS Studio Migration**

USD is in progress migrating GIS and Plant GIS web applications from Geocortex Sites to VertiGIS Studio Apps.

  o **ArcGIS Enterprise Upgrade**

USD is planning to upgrade the on-premises ArcGIS Enterprise from 10.9.1 to 11.1 within the next few months.

  o **Environmental Compliance Inspections in Survey123**

USD is continuing to make improvements to the interface implemented between the iPACS Environmental Compliance Management System and the ArcGIS Survey123 inspection forms for Commercial (C4) site inspections and Fats, Oils, and Grease (FOG) inspections at restaurants. Next USD will be implementing forms and interfaces for Dental site inspections and Car Wash site inspections. The ArcGIS workflows for these inspections make use of the Address Point data provided by SACGISA to accurately locate the sites on map in Survey123 and the web map used for planning.

  o **Info Public Sector Mobile App for Manhole Inspections**

USD has implemented the Infor Public Sector Mobile App for field inspections of Sewer System Manholes. The app is integrated with the District's GIS to show the manhole locations on an interactive map so the inspection data is accurately associated with the correct Manhole ID in the maintenance management system.

  o **BOSS811 Integration**

USD has implemented the BOSS811 Ticket Management Solution for 811 calls/Underground Service Alerts (USA) requests. BOSS811 is integrated with the District's GIS to enable an interactive map to show the location of Sewer Collection System structures.

  o **Predictive Rainfall Modeling project**

USD has recently kicked off a Predictive Rainfall Modeling project with Climate Adaptive Systems to develop a Rainfall and Flow Forecast Dashboard for the District's Service Area utilizing the NOAA Advanced Quantitative Precipitation Information (AQPI) rainfall forecasts.

RECOMMENDATION:

For information only. No action is required.

5.2   REVIEW OF FY 2023/24 BUDGET

BACKGROUND: Below is a chart outlining the FY 2023/24 budget allocation versus actual expenditures.

Item	Amount Allocated	Amount Spent As of 4/30/2024	Anticipated End of Year Expenditures 6/30/2024
Application Development			
eGIS Migration to Geocortex – ACWD and City of Newark sites	$20,000.00		
Hosted Basemap / Aerial Web Services			
Bing Maps	$5,000.00		$5,000.00
System Maintenance			
ArcGIS Server Staff Support	$5,000.00		$5,000.00
Alameda County			
Pictometry Enhanced Aerial Photography	$22,600.00		$22,600
Administration			
Project Management	$5,000.00	$4,981.73	$5,000.00
Landbase			
Workflow process programming upgrade	$20,000.00		
Basemap and Data Maintenance			
Staff Labor	$20,000.00	$19,662.91	$20,000.00
Commercial Data Providers	$7,000.00	$3,040.00	$7,000.00
Contingency			
Miscellaneous	$20,000.00		
On-Going Activities			
Subtotal	$124,600.00	$27,684.64	$64,600.00

Pictometry (One Time cost)			
Contract 1 – All SACGISA Agencies			
Lidar / DEM / Contours - 1 foot and 2 foot	$79,060.00		
Reveal TrueTouch Property	$6,700.00		
Reveal Certified Ortho Property	$6,700.00		
Reveal Four Band Color Infrared Property	$6,700.00		
ChangeFinder – Building Outlines	$38,876.00		
ChangeFinder – Pool & Deck locations	$5,665.00		
Subtotal	$143,701.00		

Pictometry (One Time cost)			
Contract 2 – Cities of Fremont and Newark			
Third Party Planimetrics	$62,948.00		
Subtotal	$62,948.00		

Address Data Management Task (One time cost)			
Contract – All SACGISA Agencies			
Disperse Stacked Addresses	$59,000.00	$27,082.50	$59,000.00
Subtotal	$59,000.00		

TOTAL BUDGET	$390,249.00	$54,767.14	$123,600.00

RECOMMENDATION:

For information only. No action is required.

5.3   GIS DEMONSTRATIONS

- **JPA**
  - SACGISA – Address Unstacking online portal

- **ACWD**
  - Cityworks/Groundwater Permits License and Land (PLL) online customer portal

- **Fremont**
  - Engineering CIP Locator
  - Fire Hydrant Inspection App and Dashboard
  - Street Sign Data Collection - Roadview

RECOMMENDATION:

For information only. No action is required.

7.1 ELECTION OF CHAIR AND VICE-CHAIR OF JOINT POWERS AUTHORITY

BACKGROUND: The Joint Powers Agreement establishing the Southern Alameda County Geographic Information System Authority (SACGISA) was executed on April 27, 2000. This Agreement identifies the responsibilities of the member agencies in creating and maintaining a Geographic Information System in Southern Alameda County. Each member agency appoints one member of its current legislative body to the Board of Directors, which governs the Authority.

Pursuant to the terms of the Agreement, the Board shall annually elect a Chairperson and Vice-Chairperson. The term of office for the Chairperson and Vice-Chairperson is for one year (July 1 to June 30). The Chairperson represents the Authority, and the Vice-Chairperson performs all of the Chairperson's duties in the absence of the Chairperson.

RECOMMENDATION:

The Board to take the following actions:

1. Conduct election of Chairperson

2. Conduct election of Vice-Chairperson

3. Adopt a Resolution (Attachment C) certifying the election of the Chairperson and Vice-Chairperson.

7.2   APPROVAL OF FY 2024/25 BUDGET

BACKGROUND: Pursuant to Article III of the Joint Powers Agreement, a budget shall be established and used for the design, development, and maintenance of shared resources of the Southern Alameda County Geographic Information System Authority. Staff has prepared a budget for FY 2024/25 based upon an analysis of projected costs.

FISCAL YEAR 2024/25 BUDGET

Item	Amount Allocated
Application Development	
eGIS Migration to Experience Builder – ACWD and City of Newark sites	$20,000.00
Hosted Basemap / Aerial Web Services	
Bing Maps	$5,000.00
System Maintenance	
ArcGIS Server Staff Support	$5,000.00
Alameda County	
Pictometry Enhanced Aerial Photography	$20,565.00
Administration	
Project Management	$5,000.00
Landbase	
Workflow process programming upgrade	$20,000.00
Basemap and Data Maintenance	
Staff Labor	$20,000.00
Commercial Data Providers	$9,000.00
Contingency	
Miscellaneous	$20,000.00
On-Going Activities	
Subtotal	$124,565.00

Address Data Management Task (One time cost)	
Disperse Stacked Addresses – Newark - Phase 2	$35,875.00
Disperse Stacked Addresses – Union City - Phase 3	$11,375.00
One-Time Projects	
Subtotal	**$47,250.00**

TOTAL BUDGET	$171,815.00

RECOMMENDATION:

Adopt a Resolution (Attachment D) approving the Budget for FY 2024/25 as shown in Exhibit A. This resolution includes language that clarifies that the Secretary has the authority to transfer funds between line items and to execute contracts with vendors for the approved budget items.

7.3   Resolution Honoring Ariz Naqvi for Distinguished Services

RECOMMENDATION:

The Board to take the following actions:

    1.   Adopt a Resolution (Attachment E) certifying Ariz Naqvi's distinguished services.

ATTACHMENT A

DRAFT

<u>**Meeting Minutes**</u>

SOUTHERN ALAMEDA COUNTY
GEOGRAPHIC INFORMATION SYSTEM AUTHORITY
MEETING AGENDA
May 24, 2023
6:00 p.m.
City of Fremont Downtown Event Center
Capitol Room
3500 Capitol Ave
Fremont, CA 94538

DIRECTORS PRESENT: Alameda County Water District – Director Paul Sethy
(Vice-Chairperson)
City of Fremont – Councilmember Raj Salwan (Chairperson)
City of Newark – Mayor Michael Hannon
Union Sanitary District – Director Tom Handley

ALTERNATES PRESENT:

DIRECTORS ABSENT:

OTHERS PRESENT: Al Nagy (former Newark Mayor), Alex Hacker (EagleView)

STAFF PRESENT: Alameda County Water District (Ariz Naqvi, Daniel Park, Girum
Awoke)

City of Fremont (John Leon, Bronwen Lacey, David Persselin,
Sanford Taylor, Ruby Wun, Ron Chan, Ed Chew, Tim Hayes)

City of Newark (Soren Fajeau; Edwin Miranda, Sheena Raj,
Peter Fong)

Union Sanitary District (Richard Scobee, Lusine Petrosyan,
Allan Briggs, Christopher Packmayer, Raymond Chau)

STAFF ABSENT: Raymond Chau (USD), Lenka Hovorka (City of Newark),
Narayan Krishnan (City of Newark)

1. **Call to Order:** Board Member Raj Salwan called the meeting to order at 6:04 P.M.

2. **Roll Call**

NAME	PRESENT	ABSENT	LATE (time of arrival)
Alameda County Water District – Director Paul Sethy	●		
City of Fremont – Councilmember Raj Salwan	●		
City of Newark – Mayor Michael Hannon	●		
Union Sanitary District – Director Tom Handley	●		

3. **Consent Calendar**

   3.1 Approval of Minutes of Last Meeting (Attachment A)

   Action by Board: Approved minutes of last meeting.

MOTION	2ND	NAME	AYES	NOS	ABSTAIN	ABSENT
	●	Alameda County Water District – Director Paul Sethy	●			
		City of Fremont – Councilmember Raj Salwan	●			
		City of Newark – Mayor Michael Hannon	●			
●		Union Sanitary District – Director Tom Handley	●			

4. **Public Oral and Written Communications**

5. **Report of Secretary:**

   5.1 Update on JPA Projects

   Action by Board: Information Only. No action is required.

   5.2 Review of Fiscal Year 2022/23 Budget

   Action by Board: Information Only. No action is required.

   5.3 GIS Demonstrations

   Action by Board: Information Only. No action is required.

6. Report of Treasurer/Controller

6.1 Financial Report (Attachment B)

Finance Director David Persselin provides a brief summary of the fund balance outlined in Attachment B.

Action by Board: No action is required.

7. Action Items – General Business Matters

7.1 Election of Chair and Vice-Chair of the Joint Powers Authority (Attachment C)

Recommendation: The Board is to take the following actions.
- Conduct election of Chairperson
- Conduct election of Vice-Chairperson
- Adopt Resolution No. 65 (Attachment C) certifying the election of the Chairperson and Vice-Chairperson.

Action by Board: Election of Paul Sethy for Chairperson

MOTION	2ND	NAME	AYES	NOS	ABSTAIN	ABSENT
		Alameda County Water District – Director Paul Sethy	●			
	●	City of Fremont – Councilmember Raj Salwan	●			
●		City of Newark – Mayor Michael Hannon	●			
		Union Sanitary District – Director Tom Handley	●			

Action by Board: Election of Michael Hannon for Vice-Chairperson.

MOTION	2ND	NAME	AYES	NOS	ABSTAIN	ABSENT
●		Alameda County Water District – Director Paul Sethy	●			
	●	City of Fremont – Councilmember Raj Salwan	●			
		City of Newark – Mayor Michael Hannon	●			
		Union Sanitary District – Director Tom Handley	●			

Action by Board: Adopt Resolution No. 63 (Attachment C) certifying the election of the Chairperson and Vice-Chairperson.

MOTION	2ND	NAME	AYES	NOS	ABSTAIN	ABSENT
	●	Alameda County Water District – Director Paul Sethy	●			
●		City of Fremont – Councilmember Raj Salwan	●			
		City of Newark – Mayor Michael Hannon	●			
		Union Sanitary District – Director Tom Handley	●			

7.2 Approval of Fiscal Year 2023/24 Budget (Attachment D)

Recommendation: Adopt Resolution No. 66 (Attachment D) approving the Budget for FY 2023/24 as shown in Exhibit A. This resolution includes language that clarifies that the Secretary has the authority to transfer funds between line items and to execute contracts with vendors for the approved budget items.

Action by Board: Adopt Resolution No. 64 (Attachment D) approving the Budget for 2023/24.

MOTION	2ND	NAME	AYES	NOS	ABSTAIN	ABSENT
●		Alameda County Water District – Director Paul Sethy	●			
	●	City of Fremont – Councilmember Raj Salwan	●			
		City of Newark – Mayor Michael Hannon	●			
		Union Sanitary District – Director Tom Handley	●			

7.3 Resolution Honoring Al Nagy for Distinguished Services (Attachment E)

Recommendation: Adopt Resolution No. 67 (Attachment E) approving the Authority's appreciation for services rendered for continuously serving as a member of the Authority from its formation in April 2000 until his retirement in December 2022.

Action by Board: Adopt Resolution No. 67 (Attachment E) Honoring Al Nagy for Distinguished Services.

MOTION	2ND	NAME	AYES	NOS	ABSTAIN	ABSENT
		Alameda County Water District – Director Paul Sethy	●			
		City of Fremont – Councilmember Raj Salwan	●			
	●	City of Newark – Mayor Michael Hannon	●			
●		Union Sanitary District – Director Tom Handley	●			

8. **Director Comments:**

   ● City of Fremont – Councilmember Raj Salwan

   ● City of Newark – Mayor Michael Hannon

   ● Alameda County Water District – Director Paul Sethy

   ● Union Sanitary District – Director Tom Handley

9. **Date and Place of Next Meeting:**

   The next meeting is scheduled to be held at the Alameda County Water District on May 22, 2024.

10. **Adjournment:**

   Raj Salwan adjourned the meeting at 7:52 P.M.

Southern Alameda County Geographic Information System Authority
Balance Sheet as of 06/30/2023

BALANCE SHEET

Cash & Investments	63,790.38
Accounts Receivable	17,237.10
Total Assets	**81,027.48**
Accounts Payable	-
Other Liabilities	-
Payroll Payable	-
Fund Balance	81,027.48
Total Liabilities & Fund Balance	**81,027.48**

Southern Alameda County Geographic Information System Authority
Income Statement as of 6/30/2023

INCOME STATEMENT

Revenues:	
Interest Income	1,191.49
Unrecognized Gains/Loss	(512.32)
Revenue from Current Services	63,573.25
Total revenue	**64,252.42**
Expenditures:	
Salary-General	33,004.39
Contractual/Professional Services	30,568.88
Total Expenditures	**63,573.27**
Excess Revenue over Expenditures	**679.15**
Beginning Fund Balance (7/01/2022)	80,348.33
Ending Fund Balance as of 06/30/2023	**81,027.48**

City of Fremont	
Southern Alameda County Geographic Information System Authority	
Balance Sheet as of 04/30/2024	
BALANCE SHEET	
Cash & Investments	34,474.81
Accounts Receivable	16,284.48
Total Assets	50,759.29
Accounts Payable	-
Other Liabilities	-
Payroll Payable	-
Fund Balance	50,759.29
Total Liabilities & Fund Balance	50,759.29

City of Fremont	
Southern Alameda County Geographic Information System Authority	
Income Statement as of 04/30/2024	
INCOME STATEMENT	
Revenues:	
Interest Income	1,156.79
Unrecognized Gains/Loss	1,613.85
Revenue from Current Services	21,728.31
Total revenue	24,498.95
Expenditures:	
Salary-General	24,644.64
Contractual Services	30,122.50
Total Expenditures	54,767.14
Excess Revenue over Expenditures	(30,268.19)
Beginning Fund Balance (6/30/23)	81,027.48
Ending Fund Balance as of 04/30/2024	50,759.29

DRAFT

RESOLUTION NO. <u>68</u>

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOUTHERN ALAMEDA COUNTY GEOGRAPHIC INFORMATION SYSTEM AUTHORITY CERTIFYING THE ELECTION OF A CHAIRPERSON AND VICE-CHAIRPERSON

WHEREAS, a Joint Powers Agreement for the formation of the Southern Alameda County Geographic Information System Authority was executed on April 27, 2000; and

WHEREAS, Section 2.5.1 of said Joint Powers Agreement provides that the Board of Directors of the Authority shall annually elect a Chairperson and Vice-Chairperson.

NOW, THEREFORE, BE IT RESOLVED that the Chairperson elected at the May 22, 2024 meeting of the Authority is _____, and the Vice-Chairperson elected is _____.

ADOPTED by the Board of Directors of the Southern Alameda County Geographic Information System Authority at its meeting held May 22, 2024, by the following vote, to wit:

AYES: _____

NOES: _____

ABSENT: _____

ABSTAIN: _____

ATTEST:

_____   _____
                Chairman   Secretary

ATTACHMENT D

DRAFT

RESOLUTION NO. <u>69</u>

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOUTHERN ALAMEDA COUNTY GEOGRAPHIC INFORMATION SYSTEM AUTHORITY ESTABLISHING A PROGRAM BUDGET FOR FISCAL YEAR 2024/25

WHEREAS, a Joint Powers Agreement for the formation of the Southern Alameda County Geographic Information System Authority was executed on April 27, 2000; and

WHEREAS, Section 3.2 of said Joint Powers Agreement provides that the Board of Directors of the Authority shall adopt a budget of appropriate expenses.

NOW, THEREFORE, BE IT RESOLVED that the budget attached to this resolution as Exhibit A is hereby adopted for Fiscal Year 2024/25.

BE IT FURTHER RESOLVED that members of the Authority are liable for payment of costs incurred under that budget according to the provisions of Section 3.5 et seq. of the Joint Powers Agreement.

BE IT FURTHER RESOLVED that the Authority Secretary is authorized to administratively transfer funds between line items.

BE IT FURTHER RESOLVED that the Chairperson and Authority Secretary are authorized to execute contracts with vendors for the services and amounts identified in the budget, subject to the administrative transfer of funds between line items.

DRAFT

RESOLUTION NO. <u>69</u>

ADOPTED by the Board of Directors of the Southern Alameda County Geographic Information System Authority at its meeting held May 22, 2024, by the following vote, to wit:

AYES: _____

NOES: _____

ABSENT: _____

ABSTAIN: _____

ATTEST:

_____   _____
          Chairman   Secretary

DRAFT

RESOLUTION NO. 69

EXHIBIT A

FISCAL YEAR 2024/2025 BUDGET

Item	Amount Allocated
Application Development	
eGIS Migration to Experience Builder – ACWD and City of Newark sites	$20,000.00
Hosted Basemap / Aerial Web Services	
Bing Maps	$5,000.00
System Maintenance	
ArcGIS Server Staff Support	$5,000.00
Alameda County	
Pictometry Enhanced Aerial Photography	$20,565.00
Administration	
Project Management	$5,000.00
Landbase	
Workflow process programming upgrade	$20,000.00
Basemap and Data Maintenance	
Staff Labor	$20,000.00
Commercial Data Providers	$9,000.00
Contingency	
Miscellaneous	$20,000.00
On-Going Activities	
Subtotal	$124,565.00

Address Data Management Task (One time cost)	
Disperse Stacked Addresses – Newark - Phase 2	$35,875.00
Disperse Stacked Addresses – Union City - Phase 3	$11,375.00
One-Time Projects	
Subtotal	$47,250.00
TOTAL BUDGET	$171,815.00

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ATTACHMENT E

DRAFT

RESOLUTION NO. 70

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SOUTHERN ALAMEDA COUNTY GEOGRAPHIC INFORMATION SYSTEM AUTHORITY HONORING ARIZ NAQVI FOR DISTINGUISHED SERVICES AS A STAFF MEMBER OF THE AUTHORITY

WHEREAS, the BOARD OF DIRECTORS of the SOUTHERN ALAMEDA COUNTY GEOGRAPHIC INFORMATION SYSTEMS AUTHORITY desires to officially express the Authority's appreciation for services rendered by Ariz Naqvi for continuously serving as a member of the Operating Committee of this Authority from March 2008 to September 2023.

WHEREAS, during the 15 years as a member of the Operating Committee of this Authority, Ariz provided outstanding service to the citizens of Fremont, Newark and Union City, played a leadership role in the use of the GIS technology shared by all the four participating agencies of the Authority, promoted the use of GIS technologies and programs to provide easy public access to relevant data, supported the use of GIS programs to improve management of the vast amount of geographic data collected and maintained by local agencies, and advocated the utilization of GIS technologies to improve service-delivery and policy making activities of the participating agencies.

WHEREAS, he consistently demonstrated a high degree of leadership, competence, keen interest, dedication and responsibility to public service.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF DIRECTORS of the SOUTHERN ALAMEDA COUNTY GEOGRAPHIC INFORMATION SYSTEMS AUTHORITY that there be and hereby is proclaimed, individually and on behalf of the people served by the Authority, an expression of appreciation for the distinguished service of ARIZ NAQVI in his official duties as a member of the Operating Committee of this Authority; and

BE IT FURTHER RESOLVED that this Resolution of official recognition and appreciation be spread upon the official records of the Authority.

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ADOPTED by the Board of Directors of the Southern Alameda County Geographic Information System Authority at its meeting held May 22, 2024, by the following vote, to wit:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

_____   _____
Chairman   Secretary