



# End-of-Year Report 2022

As of Feb. 15, 2023

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As of December 31, 2022

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**Houston-Galveston Area Council**

**End-of-Year Report – 2022**

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<b>Program: Aging</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Administration</b>			
Ensure Area Agency on Aging and Aging and Disabilities Resource Center meet or exceed federal and state performance measures.	The Area Agency on Aging (AAA) and Aging and Disabilities Resource Center (ADRC) met federal and state performance measures.	Achieved	Health and Human Services Commission
<b>Project: Nutrition and Transportation</b>			
Through the network of community providers, meet nutrition needs for at least 6,000 older individuals and carry out medical and errand transportation service for at least 500 riders.	Provided 6,232 older individuals with congregate, grab and go, and home delivered meals. 978 older individuals were provided medical and errand transportation services.	Exceeded	Health and Human Services Commission
<b>Project: Direct Services</b>			
Provide 600 eligible older individuals with home repair, personal assistance, respite care and/or medical support through staff case managers.	Delivered home repair, home health care and/or medical support through staff case management of 662 older individuals.	Exceeded	Health and Human Services Commission
<b>Project: Education and Information</b>			
Provide at least 1,100 health and awareness class contacts for older individuals and caregivers.	The Houston-Galveston Area Agency on Aging and its contractor have provided 2,127 health and awareness class contacts for older adults and caregivers.	Exceeded	Health and Human Services Commission

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<b>Program: Aging</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Educate 5,000 individuals and caregivers with public benefit information, helping 1,100 older individuals and individuals with disabilities enroll in Medicare.	This is a client driven service, the Area Agency on Aging educated 4,260 individuals and caregivers about public benefit information, helping 1,282 older individuals and individuals with disabilities enroll in Medicare.	Achieved	Health and Human Services Commission
Assist at least 9,300 individuals, individuals with disabilities, and their families to access services through information, referral, and follow-up.	The Area Agency on Aging and Aging and Disability Resource Center (ADRC) assisted 13,376 individuals, individuals with disabilities, and their families to access services through information, referral, and follow-up.	Exceeded	Health and Human Services Commission
Visit and engage residents and staff in at least 1,652 nursing home and assisted living facilities to advocate for residents' needs and help resolve complaints.	The ombudsman program visited and advocated for residents with a total of 2,072 nursing home and assisted living facility visits.	Exceeded	Health and Human Services Commission

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Solid Waste Management</b>			
Enable and encourage improved solid waste management through education.	In 2022, we posted more than 52 shareable social media posts on Facebook and made the posts available on our website for download and use by our local governments. Since January 2022, the Solid Waste Education Tools webpage has had 118 unique visitors who have downloaded 21 files, more than half of which are related to social media. For Earth Day, April 22, 2022, we sent an Earth Day Extra Digest with links to funding opportunities, trainings, and outreach materials to 1,500 contacts with a 24% open rate and a 3.3% click rate.	Achieved	Texas Commission on Environmental Quality
Provide forums of discussion regarding solid waste management issues including conducting storm debris managing training and quarterly workshops.	On February 24, 2022 H-GAC hosted a webinar called <i>Maintaining a Program in Difficult Times</i> . A total of 83 people attended. On May 5, 2022 a workshop/webinar was held regarding Disaster Debris Management. A total of 152 people attended the hybrid event. On July 22, a webinar only workshop on disaster debris funding was held with 67 participants. The Drones in Environmental Enforcement workshop was held on July 14, 2022 with 22 attendees.	Exceeded	Texas Commission on Environmental Quality

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Maintain inventory of solid waste facilities and infrastructure, local government programs and market information.	On the H-GAC website are Geographic Information Systems maps of closed landfills, current landfills, recycling, and household hazardous waste facilities. Updates are made to each as needed. Market prices for recycling commodities are tracked monthly.	Achieved	Texas Commission on Environmental Quality
<b>Project: Clean Rivers Program and Water Quality Management Planning</b>			
Coordinate water quality monitoring at 300+ locations throughout the region.	Coordinating water quality monitoring at over 300 locations throughout the H-GAC Region with seven local partners.	Achieved	Texas Commission on Environmental Quality
Conduct targeted monitoring to pinpoint sources of bacteria pollution in priority waterways.	Contract Amendment signed, targeted monitoring locations selected, and a Quality Assurance Project Plan is currently being reviewed for approval. Monitoring will be conducted in the first half of 2023	Delayed	Texas Commission on Environmental Quality
Continue to support Texas Stream Team volunteers and provide training opportunities to expand the network throughout the region. Make all collected data available on H-GAC's online Water Resources Information Map.	H-GAC hosted or supported four Texas Stream Team trainings in the region after resuming trainings in June 2022. H-GAC continues to support over 30 monitoring sites as it expands the network back to pre-pandemic levels and makes collected data available on H-GAC's Water Resources Information Map and Texas Stream Team's DataMap.	Achieved	Texas Commission on Environmental Quality

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Maintain data and mapping systems for wastewater treatment plants and on-site sewage facilities, such as septic tanks.	Data for regional wastewater infrastructure was acquired under the Water Quality Management Planning project. Wastewater treatment facility outfalls, service area boundaries, and sanitary sewer overflows were mapped. The database of on-site sewage facility permits was updated for the region, with data also acquired for Grimes County, which is part of H-GAC’s Clean Rivers Program monitoring area. An estimation of numbers and locations of unpermitted on-site sewage systems and septic tanks was also performed as part of this annual update.	Achieved	Texas Commission on Environmental Quality
Support regional urban forestry efforts	H-GAC served in a leadership role for several local and statewide urban forestry groups, supported the City of Houston as part of a national urban forestry effort, and helped establish a multijurisdictional planting program that added 7,000+ trees to public areas in 2022.	Achieved	Texas Commission on Environmental Quality

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Repair or replace failing septic tanks for low-income residents.	Due to limited funding, only one septic system replacement occurred in 2022. However, H-GAC did receive additional funding from the Harris County District Attorney’s Office in November 2022 to use towards this goal. H-GAC also secured an award of additional Bipartisan Infrastructure Law funds for larger-scale future remediations.	Achieved	Texas Commission on Environmental Quality, Harris County District Attorney’s Office
Conduct workshops and training to assist local government staff, community groups and individuals on successful water quality management practices.	Conducted numerous workshops and trainings on water quality management practices this year through various H-GAC programs. These include four Clean Waters Initiative series workshops Wastewater on Funding, Web tools, public education and outreach, and Clean Rivers Program Field monitoring. Seven additional trainings were conducted this year through different watershed-based planning projects and the Coastal Communities project. Through the Clean Rivers Program, H-GAC also initiated a series of short course training sessions for water quality monitoring staff at H-GAC’s partner agencies.	Achieved	Texas Commission on Environmental Quality  Galveston Bay Estuary Program

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Watershed Protection Planning and Implementation</b>			
Conduct Trash Free Waters program and support local governments and other stakeholder groups in rural areas to reduce trash along roadsides and public areas.	H-GAC held an Adopt-A-Spot Map webinar and assisted Bay City with the creation of 10 Adopt-A-Spot sites. Toolkits were added to the program website to assist local governments and other stakeholder groups in developing and implementing volunteer cleanup programs and events.	Achieved	North Central Texas Council of Governments/EPA
Conduct planning for 2023 Trash Bash activities at 14 locations throughout the region.	H-GAC coordinated the 2022 Trash Bash, where over 2,500 volunteers removed almost 75 tons of trash and 336 illegally dumped tires from 14 cleanup areas throughout the region. H-GAC started planning for the 2023 Trash Bash to be held at 14 locations throughout the region.	Achieved	Galveston Bay Estuary Program/Texas Conservation Fund
Work with local stakeholders in the San Jacinto-Brazos and Brazos-Colorado Coastal Basins to formulate implementation strategies for reducing bacteria.	The Caney Creek Total Maximum Daily Load (Brazos-Colorado Coastal Basin) was approved by the Texas Commission on Environmental Quality. The Caney Creek Implementation Plan is going through final approval by the Texas Commission on Environmental Quality. The plan was prepared with input from local stakeholders. Work in the Oyster Creek and Chocolate Bay watersheds (San Jacinto – Brazos Coastal Basin) continues to coordinate with local stakeholders to develop implementation plans.	Achieved	Texas Commission on Environmental Quality

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Work with small coastal communities in the region on public outreach strategies to help residents reduce sources of run-off pollution.	H-GAC met with small coastal communities to identify and create additional public outreach resource needs and convened a work group to develop an outreach strategy and resources tailored to reducing improper disposal of fats, oils, and grease in apartment complexes.	Achieved	Galveston Bay Estuary Program
Support Bacteria Implementation Group to implement strategies to reduce bacteria pollution in waterways in the Houston urbanized area.	Coordination with the Bacteria Implementation Group continues, directing targeted monitoring, septic system repair and replacement, and outreach. The Group is preparing an update to their implementation plan and has approved the 2022 Annual Report.	Achieved	Galveston Bay Estuary Program
Complete a Watershed Protection Plan for Cypress Creek and Spring Creek.	The Watershed Protection Plan for Cypress Creek was approved by TCEQ and EPA and implementation has begun. Spring Creek Watershed Protection Plan is complete and pending approval after an elongated TCEQ review.	Achieved	Texas Commission on Environmental Quality

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Initiate Watershed Protection Plan for Clear Creek and East Fork of the San Jacinto River.	Watershed Protection Plans for Clear Creek and East Fork San Jacinto River are underway and progressing well. Conducted technical analyses and modeling of Clear Creek in early 2022. Initiated facilitation of stakeholder development of a Watershed Protection Plan in March 2022. Stakeholder meetings ongoing. Conducted technical analyses and modeling of East Fork San Jacinto River in summer 2022. Initiated facilitation of stakeholder development of a Watershed Protection Plan in December 2022. Stakeholder meetings ongoing.	Achieved	Texas Commission on Environmental Quality

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Community Planning, Conservation and Resiliency</b>			
Work with local governments and non-profit organizations to identify priority conservation projects in the region and pursue grant opportunities.	H-GAC maintained and regularly updated a regional priority projects list and worked directly with local partners to identify, support, and pursue funding opportunities through disseminating grant information, writing letters of support for partner applications, assisting in developing applications, and facilitating opportunities with grantors. The regional conservation initiative earned received Silver recognition in the Environmental Planning Category of the Texas American Planning Association 2022 Planning Award, and Gold designation in the Environmental Planning Category of the American Planning Association Texas Chapter Houston Section’s Inaugural Planning Awards.	Exceeded	Houston Endowment
Provide staff support for Board Water Resources Committee and Regional Flood Management Committees to develop and identity priority flood mitigation projects and support multi-jurisdiction efforts.	H-GAC staff supported the Water Resources Committee by facilitating meetings, leading discussions on various funding sources, and identifying priority projects. Staff also facilitated the Regional Flood Management Committee through well-attended quarterly meetings.	Achieved	Local

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<b>Program: Community and Environmental Planning</b>			
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Provide technical assistance for mitigation funding and possible grant application development.	H-GAC staff supported the Water Resources Committee in identifying funding for approximately \$62 million in priority projects and finalized the Method of Distribution for \$489 million in Community Development Block Grant Mitigation funds to local governments.	Achieved	Local
Provide forums of discussion regarding local revitalization and resiliency issues including hosting Bringing Back Main Street series, Parks and Natural Area roundtables, Rural & Small Town Downtown Revitalization Summit, and Fall Planning Workshop.	Parks and Natural Area roundtables held on March 14 (online), July 11 (in person), and October 10 (online) with 45, 13, and 34 attendees, respectively. Parks and Natural Areas field trips on May 13 and November 17 to area parks with 14 and 8 attendees, respectively. Bringing Back Main Street roundtables held on January 25 (online), April 26. and July 26 (in-person) with 93, 46, and 52 attendees, respectively. Rural and Small-Town Downtown Reutilization Summit with a focus on tourism in October 25 (in person) with 49 attendees. Fall Planning Workshop with a focus on accessibility on December 2 (online) with 89 attendees.	Exceeded	Local

<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Conduct regional housing peer exchange.	Missing Middle Housing Peer Exchange was held on August 3 (in person only). ‘Missing Middle Housing’ refers to house-scale buildings with multiple units that fill the housing gap between single-family homes and large apartment complexes. At the first peer exchange on August 3rd, participants heard about facts and data for our region from H-GAC staff and engaged in a facilitated discussion. That facilitated discussion highlighted the need for and challenges surrounding the development of Missing Middle Housing typologies in our region. Due to the success of the first peer exchange, a second peer exchange is second for January 2023. At the second peer exchange, participants will hear innovative approaches to developing Missing Middle Housing and preserving affordable workforce housing from a panel of housing experts.	Exceeded	Local

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<b>Program: Community and Environmental Planning</b>			
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Recognize and encourage local government innovation and coordination through Parks and Natural Areas and Water Innovation Strategies of Excellence awards programs.	Annual Parks and Natural awards presented to 18 recipients during online ceremony on February 11, 2022. More than 69 people attended this event. Added <i>Programming</i> category to awards to make recognition more accessible. A subcommittee of the Natural Resources Advisory Committee met to discuss changes to categories and judging criteria for the Water Innovation Strategies of Excellence Awards with a planned launch of the new applications in February/March of 2023.	Achieved	Local
<b>Project: Livable Centers</b>			
Conduct training workshop/technical assistance for local governments on implementing Livable Centers strategies.	<i>Held Finding the Money: Getting Projects Prepped for Funding</i> workshop on September 16, 2022 with 95 attendees. At this workshop participants learned innovative strategies that leverage existing resources and expand active transportation projects' funding potential. H-GAC staff and Harris County Precinct 2 staff met with Harris County Public Health (HCPH) to learn how to use their Walk Audit tool. HCPH's walk audit tool utilized GPS tracking and a series of 20 questions to understand the condition of pedestrian infrastructure in a given area.	Achieved	Texas Department of Transportation

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<b>Program: Community and Environmental Planning</b>			
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Assist local governments with partnership funding, grant identification, grant application-related data compilation, and application review.	Updated past local sponsor and interested parties on grant and other funding opportunities on a quarterly basis. Served on review and stakeholder committees per requests.	Achieved	Texas Department of Transportation
Identify policies, regulations, and best management practices with special emphasis on Livable Centers principals for local partner implementation.	Streamlined over 500 Livable Centers Geographic Information Systems (GIS) data/ recommendations from eleven Livable Centers studies to a single spatial database. Refined the Livable Centers Air Quality methodology with more streamlined language based on feedback received from Livable Center study project teams.	Achieved	Texas Department of Transportation
Conduct one-on-one meetings with targeted Livable Center project sponsors to identify opportunities and barriers to implementation.	Strategizing immediate next steps after Livable Centers study publication for four local sponsors. Identified 13 Livable Centers past local sponsors with potential projects for H-GAC Transportation funding consideration, including H-GAC Transportation Improvement Program.	Achieved	Texas Department of Transportation
<b>Project: Regional Law Enforcement Training</b>			
Provide 55,000 contact hours of training.	Despite health concerns and some classes being cancelled due to Covid, Academies provided 43,918 contact hours of training.	Achieved	Office of the Governor, Public Safety Office
Conduct two Basic Peace Officer Certification classes and 130 in-service courses.	Conducted two Basic Peace Officer Certification classes and 252 in-service courses.	Achieved	Office of the Governor, Public Safety Office

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<b>Program: Community and Environmental Planning</b>			
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Provide coordination of Advanced Law Enforcement Rapid Response Training (ALERRT) equipment and training within the H-GAC region.	Staff supports local law enforcement agencies in conducting ALERRT classes. To date, ten classes have been held. Staff is working to schedule additional classes.	Achieved	Office of the Governor, Public Safety Office
<b>Project: Criminal Justice Planning</b>			
Develop priority funding lists for four criminal justice funding initiatives.	Staff submitted the FY 2023 Criminal Justice Priority Lists	Achieved	Office of the Governor, Public Safety Office
Prepare FY 2022 Regional Criminal Justice Plan.	Staff completed the Regional Criminal Justice Plans.	Achieved	Office of the Governor, Public Safety Office
Conduct H-GAC application workshops on criminal justice grant funding.	Staff conducted multiple FY 2023 Criminal Justice Grant workshops	Achieved	Office of the Governor, Public Safety Office
Develop Strategic Plan for the H-GAC region.	Staff completed the Strategic Plan in the fall of 2022.	Achieved	Office of the Governor, Public Safety Office
Provide 225 hours individual counseling for Juvenile Probation Departments in the region.	H-GAC has provided 320 individual counseling hours.	Exceeded	Office of the Governor, Public Safety Office
Provide 125 hours of group counseling for Juvenile Probation Departments in the region.	H-GAC has provided 105 group counseling hours.	Achieved	Office of the Governor, Public Safety Office
Provide 75 mental health evaluations for Juvenile Probation Departments in the region.	H-GAC has provided 196 mental health evaluations.	Exceeded	Office of the Governor, Public Safety Office

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<b>Program: Community and Environmental Planning</b>			
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<b>Project: Elder Justice Program</b>			
Conduct intensive campaign of 24-48 community outreach sessions to educate about resources available to seniors in formats aimed at both potential clients/families, professionals, and nonprofit/partner agencies.	H-GAC has provided 56 community outreach sessions.	Exceeded	Office of the Governor, Public Safety Office
Build out a service model, like Will-A-Thon, for combining group and individual services to elders who are being victimized by credit card abuse, identity theft and other third-party financial crimes.	H-GAC debuted its group-service model in the third quarter of 2022 and has 30+ events using this model scheduled to take place at senior centers throughout the region during the first half of 2023.	Achieved	Office of the Governor, Public Safety Office
<b>Project: Emergency Preparedness Planning</b>			
Assist with the updates and maintenance of local emergency management plans.	Staff continues to support local governments with emergency preparedness planning as requested.	Achieved	Office of the Governor, Public Safety Office
Monitor state homeland security and emergency preparedness funding programs.	Staff sat on a review panel for the FY 22 Non-Profit Security Grant Program	Achieved	Office of the Governor, Public Safety Office
Coordinate and update regional catastrophic plans.	Staff worked with regional planners to support the Regional Recovery Plan and templates and Regional Training and Exercise Plan.	Achieved	Office of the Governor, Public Safety Office

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<b>Program: Community and Environmental Planning</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Assist with regional training and exercises.	Staff works with regional planners the Regional Collaboration Committee to support exercises when requested. Staff participated in a Houston Local Emergency Planning Committee (LEPC) HazMat Tabletop Exercise.	Achieved	Office of the Governor, Public Safety Office
Assist with jurisdictional homeland security grant audits/monitoring.	Staff supports the state in monitoring grant requirements (i.e., uniform criminal history reporting) as needed.	Achieved	Office of the Governor, Public Safety Office
Monitor and maintain Regional Gulf Coast State Mutual Aid Agreement.	Staff continues to supply copies of signed Mutual Aid Agreements and receives new signatories (two) from regional partners.	Achieved	Office of the Governor, Public Safety Office
Provide grant application workshops and technical assistance to grant applicants and grantee	Staff conducted four FY 22 State Homeland Security Program Grant workshops in January	Achieved	Office of the Governor, Public Safety Office
Develop priority funding list for State Homeland Security Program (SHSP) grant.	Staff submitted the FY 22 State Homeland Security Program Priority List on March 15, 2022.	Achieved	Office of the Governor, Public Safety Office
Assist Transportation Department with regional evacuation planning.	Emergency Preparedness Planners are awaiting instruction from Transportation Department on how to move forward with the project.	Delayed	Federal Highway Administration /Federal Transit Administration/ Texas Department of Transportation-Transportation Planning Funds
Assist Communications Department with content creation for the ‘Together Against the Weather’ campaign.	Emergency Preparedness Planners are awaiting instruction from Communications Department on how to move forward with the project.	Delayed	Federal Highway Administration /Federal Transit Administration/ Texas Department of Transportation-Transportation Planning Funds

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<b>Program: Community and Environmental Planning</b>			
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Construction of communications tower in Austin County to serve Austin, Colorado, and Wharton Counties.	Construction delayed due to weather. Construction expected to be completed by March 2023.	Delayed	Office of the Governor, Public Safety Office

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<b>Program: Data Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Information Technology Network Support</b>			
Develop strategic plans for agency’s information technologies to support various program needs and to keep up with industry standards and trends.	Configured 130 workspaces in H-GAC main office to include standard computing equipment and implemented Desk Hoteling reservation system to support H-GAC hybrid work initiative. Completed assessment with consultant to evaluate H-GAC Technology Infrastructure readiness and develop a road map to move applications and systems to a more cloud-centric infrastructure. Migrated IT peripherals from 5 <sup>th</sup> floor to other floors in preparation for remodeling project.	Achieved	Allocated Grant Funds
Maintain agency’s network infrastructure, telecommunication services and enterprise data management.	Implemented a new Virtual Private Network (VPN) solution that is integrated with existing Firewall to streamline management, operations, and enhance network security. Implementing a new document imaging solution that can connect directly to Office 365 services. Implemented a secondary internet service to provide a more robust internet experience for the main office.	Achieved	Allocated Grant Funds
Provide applications support and helpdesk services.	Responded to over 2300 support requests from Helpdesk ticketing system to date and will continue to monitor and attend to requests in a timely fashion.	Achieved	Allocated Grant Funds

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<b>Program: Data Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Maintain and support a host of applications and web services for both internal and external users.	Continued to perform routine update to software applications and operation systems in servers and computers to remove security flaws and protect agency’s network and data, including web services supporting H-GAC business functions.	Achieved	Allocated Grant Funds
<b>Project: SharePoint Support</b>			
Develop and maintain agency SharePoint environment to ensure optimal operation of agency data and collaboration platform.	The SharePoint team continues to maintain the health of Agency SharePoint environments and improve on their functionalities. We continue to support and train staff to ensure they can utilize SharePoint to be more efficient with their projects.	Achieved	Allocated Grant Funds
Evaluate department, program, and agency needs and develop PowerPlatform/ SharePoint solutions to help meet their goals and objectives.	Continue to implement PowerApps that enhance the agency’s business process. This year’s notable apps are the New Funding Request, Wireless Device Request, and Staff Work Anniversary Reminder for Managers. Currently working on the Liso app to track career staff network access with Workforce team.	Achieved	Allocated Grant Funds
Provide updates to the agency Intranet to maintain fresh content and make relevant information readily accessible.	The SharePoint team continues to maintain H-GAC Intranet and implement improvements. Recently implemented a more functional and aesthetic staff roster as well as a centralized Forms page that staff can easily access.	Achieved	Allocated Grant Funds

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<b>Program: Data Services</b>			
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Migrate SharePoint environment to SharePoint online	Migrated all SharePoint document libraries from on-premises to Microsoft Cloud platform, SharePoint online.	Achieved	Allocated Grant Funds
Create and maintain Extranet sites for agency staff to collaborate with external entities.	Oversee user permissions for extranet sites by adding/removing external users to their respective folders. Ensure data security and Aging, Community and Environmental, Internal Audit, Small Business Loan, Workforce, and Transportation vendors/contractors can submit invoices or reports as requested by H-GAC staff.	Achieved	Allocated Grant Funds
Create and maintain workflows for invoices and document submission with external entities from our extranet sites.	Create, update, and maintain approval workflows between H-GAC staff, external vendors, and H-GAC finance for Aging, Workforce, and Transportation to make the process more efficient. Created automated workflow to quickly add Small Business Loan applicants to a SharePoint folder on our Extranet site so they can upload all the requested documents to speed up approval process.	Achieved	Allocated Grant Funds
Migrate SharePoint environment to SharePoint online	Migrated all SharePoint document libraries from on-premises to Microsoft cloud platform, SharePoint online.	Achieved	Allocated Grant Funds
Maintain and support Workforce Solutions SharePoint tenant with the career centers	Oversee Workforce Solutions SharePoint tenant, grant/revoke access to users.	Achieved	Allocated Grant Funds

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<b>Program: Data Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Digital signature solution for the agency	Implemented digital signature across the agency by integrating Adobe Sign and SharePoint sites.	Achieved	Allocated Grant Funds
Project management solution for the agency	Evaluated, obtained approval, and deployed Asana as the project management solution for the agency to track.	Achieved	Allocated Grant Funds
<b>Project: Website Support</b>			
Continuous template and functionality improvements on the H-GAC website.	Created custom web content and web forms on the H-GAC website facilitate various events, product purchases, and online applications.	Achieved	Allocated Grant Funds
Implement a solution for contact and regional directory management and modernize agency’s need for a customer relationship management tool.	This project is on hold while the agency evaluates a partial migration of IT services to the cloud.	Not Achieved	Allocated Grant Funds
Provide data and analysis of website information to identify trends and make data driven decisions.	Provided programs with data and reports on the performance of their content on the H-GAC website.	Achieved	Allocated Grant Funds
Migrate the YourCommuteSolution.org website into the agency’s content management system.	This project has moved to the 2023 Web Team plan.	Not Achieved	Allocated Grant Funds

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<b>Program: Data Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: 9-1-1 Emergency Communications District</b>			
Maintain answering point equipment in all eight counties to provide display of location and phone number information from wireline, wireless Phase II, and Voice over Internet Protocol (VoIP) calls.	Maintained answering point equipment in all eight counties to provide display of location and phone number information from wireline, wireless Phase II, and Voice over Internet Protocol (VoIP) calls.	Exceeded	9-1-1 Service Fee
Maintain and provide technical assistance Mapped ALI data.	Maintained and provide technical assistance. Mapped Automatic Location Identification data.	Achieved	9-1-1 Service Fee
Conduct regional TDD (telecommunications Device for the Deaf) and telecommunicators training classes.	These classes can be taken online. We do not teach classes, currently.	Not Achieved	9-1-1 Service Fee
Maintain, support, and enhance 9-1-1 mapping for eight (8) rural counties databases.	Maintained, supported, and enhanced 9-1-1 mapping for eight (8) rural counties databases.	Achieved	9-1-1 Service Fee
Standardize 9-1-1 data for eight (8) rural counties in compliance with the National Emergency Number Association (NENA) data standards for Next Generation 9-1-1 GIS data.	Standardized 9-1-1 data for eight (8) rural counties in compliance with the National Emergency Number Association (NENA) data standards for Next Generation 9-1-1 Geographic Information System (GIS) data.	Exceeded	9-1-1 Service Fee

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<b>Program: Data Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Conduct field tests for Wireless Network Performance for all 23 Public Safety Answering Points to ensure proper 9-1-1 call routing and maintenance of regional cell tower data.	Conducted field tests for Wireless Network Performance for all 23 Public Safety Answering Points (PSAPs) to ensure proper 9-1-1 call routing and maintenance of regional cell tower data.	Achieved	9-1-1 Service Fee
Update and maintain 9-1-1 geospatial digital base maps for the regional enhanced 9-1-1 system the ability to accurately map wireless and landline emergency calls.	Updated and maintained 9-1-1 geospatial digital base maps for the regional enhanced 9-1-1 system the ability to accurately map wireless and landline emergency calls.	Achieved	9-1-1 Service Fee
Provide ongoing technical support and training to rural county 9-1-1 addressing coordinators for all GIS software applications.	Provided ongoing technical support and training to rural county 9-1-1 addressing coordinators for all GIS software applications.	Achieved	9-1-1 Service Fee
Expand ArcGIS Server platform to support H-GAC 9-1-1 web-based data development processes.	This project is no longer in service.	Not Achieved	9-1-1- Service Fee
Review architectural design of the 9-1-1 system to reduce host sites and replace call handling equipment.	Reviewed architectural design of the 9-1-1 system to reduce host sites and replace call handling equipment.	Achieved	9-1-1 Service Fee & Federal Grant
Review of the Network Design for Solution to move to i3 NG911 Emergency Services IP Network (ESInet).	Reviewed the Network Design for Solution to move to i3 NG911 Emergency Services IP Network (ESInet).	Achieved	9-1-1 Service Fee & Federal Grant
Review Solutions for Automatic Number Identification / Automatic Location Identification (ALI/ANI) Data Hosting and Best Practices for 9-1-1 Geo-spatial (GIS) Data Systems.	Reviewed Solutions for Automatic Number Identification / Automatic Location Identification (ALI/ANI) Data Hosting and Best Practices for 9-1-1 Geo-spatial (GIS) Data Systems.	Achieved	9-1-1 Service Fee & Federal Grant

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: H-GAC BUY Cooperative Purchasing</b>			
Number of orders processed through the program to exceed 3,100.	Total orders processed through HGACBuy were 4069	Exceeded	Local government purchasers
Annual purchasing volume in 2022 for all categories to reach \$1.5 Billion.	Total volume of sales processed through HGACBuy were \$2.3 billion	Exceeded	Local government purchasers
Promote participation from vendors in established vendor advisory committee meetings.	HGACBuy participated in quarterly held meetings with our vendor advisory committee.	Achieved	Local government purchasers
Promote partnership with Councils of Governments, Education Service Centers, and Emergency Services Districts.	HGACBuy staff conducted workshops with member/vendor participation for Mid-America Regional Council, Baltimore Metropolitan Council, and the Municipal Association of South Carolina.	Achieved	Local government purchasers
Followed bid/RFP specifications for contract and federal grant compliance.	HGACBuy continues to update our portfolio of contracts with language inclusive of federal procurement guidelines.	Achieved	Local government purchasers

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: H-GAC Energy Corporation</b>			
Conduct energy purchasing for local governments through H-GAC Energy Corporation Contracts.	Provided HGACEnergy member governments with historical load data and projections on future annual load data. Conducted strategic planning and made recommendations on market and contracting opportunities. Resolved account, billing, and sales tax issues. Assisted contracted members with adding and deleting meters on existing accounts and service locations. Solicited pricing from Retail Electric Providers on various contract terms on behalf of members. Completed renewal agreements as requested by members. Eight members executed renewal agreements.	Achieved	Energy Corporation Fees
Re-target members in the 13 county H-GAC Region.	Continuing collaboration with department and Communication Teams as well as the Energy Consultant on a new campaign to reach out to all HGACEnergy Aggregation members. This includes members in current contracts through HGACEnergy as well as members of the aggregation currently not in contracts through HGACEnergy.  HGACEnergy and a new consultant attended meetings to bring awareness and to highlight opportunities through the HGACEnergy Program.	Achieved	Coop Budget Program Promotions

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Work with new HGACEnergy consultant to pursue opportunities to bring in new business and to expand in other deregulated areas of Texas.	Reached out to member governments and non-members of the HGACEnergy aggregation to bring awareness of current vendors under contract. New Request for Qualifications for Retail Electric Providers done to increase the number of Retail Electric Providers under contract with HGACEnergy to increase pricing opportunities. Continued work with HGACBuy Marketing and Communications Staff to promote expansion and target deregulated areas in Texas historically not reached by HGACEnergy.	Achieved	Energy Corporation Fees
Offer solar panels and associated equipment to governments nationwide through partnership with HGACBuy.	In partnership with HGACBuy, HGACEnergy has contracts for Solar Panels and Associated Equipment. Government customers in the H-GAC region as well as nationwide may purchase through these contracts. Worked on co-branding project for Solar Panel contract. Participated in vendor/member workshops.	Achieved	Energy Corporation Fees
Continue to research additional energy related products and services (including green) to offer through HGACEnergy.	Worked with Current Energy Broker/Consultant to explore these additional opportunities. Through collaboration with HGACBuy, added vehicle charging stations to the Cooperative Purchasing 2023 bid schedule.	Achieved	Energy Corporation Fees

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Small Business Loans</b>			
Submit two to four projects for small business financing consideration.	Submitted three loan-approval recommendations for Small Business Administration financing, one for Economic Development Administration financing, and 25 under Fort Bend County's Triple R loan program.	Exceeded	Small Business Administration, Economic Development Administration, Fort Bend County
Respond to small business financing needs due to COVID-19 Pandemic.	Provided direct assistance to small businesses impacted by COVID-19 through Fort Bend County's <i>Triple R</i> program and the Economic Development Administration's <i>Federal Coronavirus Aid, Relief, and Economic Security (CARES) Act</i> program.	Exceeded	Small Business Administration, Economic Development Administration, Fort Bend County
Communicate with and connect current borrowers to additional resources including, Economic Injury Disaster Loans and Grants, Local Loan and Grant Programs, Small Business Development Center services, Workforce Solutions, and other business-related resources.	We connected current borrowers to additional small business resources and services by marketing the resources via email, social media, newsletters, and webinars.	Achieved	Small Business Administration, Texas Workforce Commission
Administer and operate a new Economic Development Agency loan program to help businesses impacted by COVID-19.	We were awarded additional funds for the loan program and have begun outreach efforts and accepting applications for small business financing.	Achieved	Economic Development Administration,

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Build internal capacity utilizing technical assistance grant from the Community Development Financial Institution Fund and apply for full CDFI certification.	We hired additional staff utilizing the technical assistance grant awarded to us by the Community Development Financial Institution Fund (CDFI) and successfully applied for CDFI certification.	Achieved	Community Development Financial Institution
Identify additional loan programs and consider offering new loan products.	We successfully launched Fort Bend County’s Triple R Loan Program and solicited the program to other counties and cities.	Achieved	Fort Bend County
Build relationships with lending institutions and financial organizations.	We developed and strengthened relationships with lending institutions and financial organizations.	Achieved	Small Business Administration
Build partnership with our regional public workforce system.	We have discussed and identified ways to partner with the Workforce system and anticipate implementing these tactics in 2023.	Achieved	Small Business Administration
Expand our online presence through new website and social media platforms.	We expanded our online presence through our website and social media platforms and regularly share content and information.	Achieved	Small Business Administration, Economic Development Administration, Fort Bend County
Revise H-GALDC process map, policies, and procedures.	We reviewed and updated our policies and procedures to reflect our growing and expanding programs. We will continue to monitor and make appropriate updates as necessary.	Achieved	Small Business Administration, Economic Development Administration,
Clearly define staff roles, responsibilities, goals, and expectations.	We have clearly defined staff roles, responsibilities, goals, and expectations. As we grow and expand our programs, we will continue to revise and update these roles and expectations.	Achieved	Small Business Administration, Economic Development Administration, Triple R, Community Development Financial Institution

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Economic Development</b>			
Provide planning and technical assistance on projects and programs leading to the development of enhanced resiliency and recovery strategies and increased investment across the region.	The economic development team continues to assist local officials and organizations with technical assistance. In December of 2022, we were able to complete the state issued Sales Tax Workshop which allows us to also be a resource for questions about proper uses of sales tax for economic development and resilience.	Achieved	Economic Development Administration
Conduct regional and county economic assessments and reports to support an update to the regional Comprehensive Economic Development Strategy (CEDS) strategies to support regional infrastructure investments, economic diversification, and entrepreneurship.	The economic development team is currently working with the communications team to tour the region in pursuit of updating the Comprehensive Economic Development Strategy. We have currently held interviews with Members of the Gulf Coast Economic Development District and are looking to engage them in the CEDS touring process.	Achieved	Economic Development Administration

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<b>Program: Public Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Develop a regional high-speed internet action plan and begin regional assessment of available speeds, services demand, and opportunities for future investment.	We have interviewed broadband consultants to contract for a regional broadband study. We have narrowed the selection down to one firm and are currently working with procurement and the consultant to finalize the contract. The consultant will meet contract deliverables throughout 2023. Although the contracting process has taken longer than anticipated, we have kept abreast of service gaps and funding opportunities by connecting with and leveraging resources through the Texas Broadband Development Office, the Federal Communications Commission, and the National Telecommunications and Information Administration.	Delayed	Economic Development Administration

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<b>Program: Human Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Board Administration</b>			
Ensure workforce system meets or exceeds Workforce Board, federal, and state performance measures.	We are meeting 19 of the 40 Workforce Board, federal, and state performance measures. The capacity of staff and individuals in the Gulf Coast region was significantly challenged by the COVID-19 pandemic. Traffic in career offices did begin to increase in 2022, but low unemployment in the region and post-pandemic changes demand transformation. We continue to work with contractors to improve virtual service delivery and offer innovative solutions for service delivery to meet individual and employer needs.	Not Achieved	Texas Workforce Commission
<b>Project: Workforce Solutions Operations</b>			
Serve at least 30,500 businesses and 525,000 people	We have served 17,837 businesses and over 200,000 people. We are working to improve our service to employers and residents so that we are the first choice in workforce services.	Not Achieved	Texas Workforce Commission
Ensure at least 78% of individuals enter employment.	In 2022, 66.9% of customers entered employment.	Not Achieved	Texas Workforce Commission

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<b>Program: Human Services</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Increase earnings by at least 20% for individuals.	Our Workforce Board has set a goal that 37% of our customer will see a gain of earnings of at least 20%. While 46% of our customers had an earnings gain in 2022, only 26.1% customers increased their earnings by at least 20% after service. We continue to build toward the Workforce Board’s goal of 37%.	Not Achieved	Texas Workforce Commission
Help at least 76% of individuals pursuing education earn a credential.	We have assisted 70.1% of individuals pursuing education in earning a credential.	Not Achieved	Texas Workforce Commission
Create at least 3,400 new jobs through partnering with economic development and local business organizations.	Created 2,536 new jobs over one year through partnering with economic development and local business organizations.	Not Achieved	Texas Workforce Commission

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Program Support and Public Outreach</b>			
Provide logistical and administrative support for monthly meetings of the MPO Policy Council and as needed, related technical committees and work groups.	Staff continued to host hybrid meetings using Zoom and Teams platforms for monthly meetings including Transportation Advisory Committee (TAC) and Transportation Policy Council (TPC). Other subcommittee meetings remained a combination of virtual, in-person, or hybrid based on meeting type.	Achieved	Federal Highway Administration /Federal Transit Administration/ Texas Department of Transportation - Transportation Planning Funds (Federal Highway Administration/Federal Transit Administration/ Texas Department of Transportation-Transportation Planning Funds
Employee development, recruitment, and evaluation.	Staff continued to attend various employee development opportunities through H-GAC Horizons internal training and other various external trainings and conference opportunities. Evaluations are an ongoing year-round activity, and Managers worked with staff to complete employee performance evaluations on their yearly work anniversaries instead of at the end of each year.	Achieved	Federal Highway Administration/Federal Transit Administration/ Texas Department of Transportation-Transportation Planning Funds
Maintain the 2022-2023 Unified Planning Work Program to reflect revised Policy Council planning priorities and local, State, or Federal funding decisions, ongoing.	Staff continued to maintain the 2022-2023 Unified Planning Work Program. Five amendments to the Unified Planning Work Program were prepared by staff and approved by the Transportation Policy Council, reflecting new or revised priorities and compliance with new federal requirements.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation-Transportation Planning Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Maintain federal certification of the planning process including the Annual Performance & Expenditure Report, Regional Toll Analysis, the Disadvantaged Business Enterprise goal development, Buy America Provisions, and the annual self-certification assurances.	Staff prepared the Annual Performance and Expenditure Report, due in December 2022. Staff also updated the Disadvantaged Business Enterprise (DBE) Triennial Goal for FYs 2023-2025, continued to work with external and internal teams to ensure that all Buy America requirements were accomplished, and proper documentation was submitted, completing all staff self-certification assurances, and receiving required signatures for submission. The next Federal Certification review of the Metropolitan Planning Organization (MPO) will be in 2025.	Achieved	Federal Highway Administration and Federal Transit Administration
Implement federal Title VI program for the MPO.	Staff continued to implement the federal Title VI program and incorporate Title VI considerations into Transportation programs. The H-GAC’s Title VI Plan for Transportation Planning was updated in August 2022.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Develop, update and present public information materials in a variety of formats, including emails, letters, brochures, websites, newsletters, videos, public service announcements and meetings with community and business group. Continue to conduct public engagement through online tools in the absence of in-person meetings due to COVID-19.	Staff continued to engage the public using myriad formats, including emails, websites, brochures, newsletters, SharePoint sites, etc. to understand and address needs of the Metropolitan Planning Organization (MPO) region at the policy, program, and project level. Two extensive phases of public outreach and engagement were conducted in 2022 to help gather input for development of the revised 2045 Regional Transportation Plan. Staff continued to host hybrid and virtual meetings on various platforms. Live streaming is made available to the public for the Transportation Policy Council to maximize public participation. Other public outreach platforms, such as ‘Bang the Table,’ were used to engage the public in public comment processes. In person meetings have been reinstated for some activities and are held on regularly scheduled meeting times each month.	Achieved	Federal Highway Administration and Federal Transit Administration
Provide briefings (and, when requested, testimony) for local, state, and national officials and other interest groups.	Staff presented briefings to local, state, and national officials and other interest groups on transportation policies, programs, and projects.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Conduct public outreach and public involvement initiatives to support Metropolitan Planning Organization Programs.	Staff continued to engage the service area using a public outreach and involvement process to understand and address needs of the Metropolitan Planning Organization (MPO) region at the policy, program, and project level. Staff held numerous public meetings during the past year on various project areas such as developing the <i>Regional Transportation Plan (Two Phases in 2022; another planned for 2023)</i> , Regional Studies and Plans, and the Disadvantaged Business Enterprises-Triennial Goal Update.	Achieved	Federal Highway Administration/ Federal Transit Administration
Ensure compliance for all contract development and reporting to state agencies.	Transportation continued contract administration and management for all Advance Funding Agreements and Consultant Contracts through rigorous check and balances with our Transportation Contracts and Compliance team along with H-GAC Internal Audit Services. Reporting compliance was conducted for all progress reports being submitted to a state or federal entity. All contracts were audited on a benchmark schedule to ensure compliance with the contract and product submissions in a timely manner.	Achieved	Federal Highway Administration/ Federal Transit Administration

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Assist with special projects concerning compliance research and strategies for the Metropolitan Planning Organization.	Staff worked to make sure all program/project areas are compliant with state and federal regulations, researching any needed areas of concern. Staff worked in program/project areas to implement needed strategies to ensure compliance and documentation requirements for audits.	Achieved	Federal Highway Administration/ Federal Transit Administration
Continue building a centralized contract management team with project monitoring in the MPO- collaborating with various departments within H-GAC, our fiscal agency.	Staff continued to work as a centralized contract management team with built in checks and balances for project monitoring. The Metropolitan Planning Organization (MPO) collaborated with H-GAC departments such as Procurement, Internal Audit, Finance, and Communications to ensure efficient process flows for project/program teams.	Achieved	Federal Highway Administration/ Federal Transit Administration

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Transportation Short-Range and Long-Range Planning</b>			
Continued progress and development of the 2045 Regional Transportation Plan update.	The <i>2045 Regional Transportation Plan (RTP) Update</i> completed two phases of public outreach and input – <i>Visioning and Prioritization</i> . Overall outreach in 2022 included 17 meetings in person, two virtual meetings, and over 2,000 responses to a major regional Visioning survey, as well as a public engagement website for the entirety of the project. Under guidance of the Regional Transportation subcommittee, monthly meetings were held to finalize goals, strategies, and other plan components as commented on by the public and required by the federal government.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds
Transportation Improvement Program and 10-Year Plan maintained and updated.	Development of the <i>2023-2026 Transportation Improvement Program</i> was completed and approved by the Transportation Policy Council in May 2022. Ongoing monthly, amendments to the TIP occurred monthly in 2022, with major amendments in September 2022 and November 2022.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Call for Projects issued, and project selection completed.	Substantial discussions regarding the call for projects effort continued throughout the year. Work sessions to discuss and resolve the Project Selection Process were held in March, September, and December 2022. In June 2022, staff solicited statements of interest from potential project sponsors. The projects were placed on a list used to complete development of the project selection process over the next several months. The Transportation Policy Council tabled approval of the process for final revisions, with approval expected in January 2023 and initiation of the process in February 2023.	Delayed	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds
Continue subregional planning efforts for the Liberty County Mobility Plan, Montgomery County Precinct 2 Mobility Plan, and Southeast Harris County Mobility Plan.	The <i>Southeast Harris County Mobility Study and Liberty County Mobility Study</i> were completed 2022. The Montgomery County Precinct 2 Mobility Plan held its second round of public meeting in August 2022 and is estimated to be completed in early 2023. Staff continue to monitor and update the public engagement website to solicit feedback from the public and keep them informed of project progress.	Achieved	Federal Highway Administration/ Texas Department of Transportation- Surface Transportation Block Grant Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Transportation committees and subcommittee meetings conducted periodically to present and gather feedback on transportation policies, plans, and projects.	During 2022, multiple committee and subcommittee meetings were held, including monthly Transportation Advisory Committee (TAC) Meetings and Transportation Policy Council meetings, monthly TAC subcommittee meetings the Transportation Improvement Program and Regional Transportation Plan, and quarterly Regional Transit Coordination Subcommittee, Pedestrian and Bicycle Subcommittee, Transportation Systems Management and Operations Subcommittee, Transportation Safety Committee, and the Greater Houston Regional Freight Committee.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds
Continued coordination with the State and local governments to improve responses to hurricane evacuation events and update of Zip-Zone Maps for Hurricane Evacuation.	During 2022, staff updated the Hurricane Evacuation Zip-Zone Map and Hurricane Evacuation Map in March of 2022. Staff coordinated with State and Local Officials on all updates.	Achieved	Federal Highway Administration/ Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Regional Safety Campaign to promote safety messaging to reduce distracted driving, speeding, impaired driving, and bicycle-pedestrian crashes.	In 2022, staff conducted five in-person adult bicycle safety classes. The availability of online bike safety education also continued throughout the year. Staff is looking at retooling the model for the in-person adult bike safety program to allow the classes to be nimbler and take place on demand. Attendance has been less than expected in outlying areas.	Achieved	Federal Highway Administration/ Texas Department of Transportation- Surface Transportation Block Grant Funds
Public Outreach Campaign on Hurricane Preparedness and Evacuation.	From May to September 2022, staff conducted a Public Outreach Campaign to educate the public on evacuation zone and hurricane preparedness.	Achieved	Federal Highway Administration/Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds
Continue Traffic Incident Management Training for first responders.	Training has not been reinstated since Covid.	Delayed	Federal Highway Administration/ Texas Department of Transportation- Surface Transportation Block Grant Funds
Implement a quick clearance towing program to remove stalled vehicles from the freeways in the region.	The Gulf Coast Regional <i>Tow and Go™</i> Program covers 272 center line freeway miles in unincorporated Harris County, Bellaire, Deer Park, Houston, Humble, Jersey Village, La Porte, Pasadena, and Webster. The program provided more than 35,000 no-cost tows to stranded motorists in 2022. The average clearance time in 2022 was 17 minutes and 11 seconds, improving safety and reducing congestion	Achieved	Federal Highway Administration/ Texas Department of Transportation- Congestion Mitigation Air Quality and Surface Transportation Block Grant Funds

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Updated information and reporting of the federally required regional performance measures and targets.	Staff developed updated traffic, congestion, and air quality performance measures as part of completing required reporting to Texas Department of Transportation and Federal Highway Administration. Staff also updated Transportation Asset Management targets with input from regional transit agencies.	Achieved	Federal Highway Administration/Federal Transit Administration/ Texas Department of Transportation- Transportation Planning Funds
Planning support for the Commuter and Transit Pilot Program including City of Conroe, The Woodlands Township, Fort Bend Transit, and others.	Staff extended the deadline for applications for <i>the Commuter and Transit</i> pilot program to allow additional applications to come in while retooling the guidelines. The Woodlands Township to Energy Corridor District route completed its first year with board approval to continue a second year. The City of Conroe-to-downtown Houston route had an increase in ridership in 2022, compared to 2021.	Achieved	Congestion Mitigation Air Quality /Commuter and Transit Pilot Projects
Updated Regionally Coordinated Transportation Plan for 2022-2026.	The Regionally Coordinated Transportation Plan was completed in early 2022. Staff has received new funding from the Texas Department of Transportation for ongoing updates to the plan, including ensuring the provider list is up to date.	Achieved	Unified Planning Work Program, Texas Department of Transportation-5304

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Implement and evaluate the congestion management plan. (CMP)	Congestion Management Analysis is ongoing for projects submitted under the current <i>Congestion Management Process</i> (CMP). Development of a scope of work to update the CMP is also underway but delayed the evaluation of the first year of the current CMP is also in planning stages but has not been completed.	Delayed	Unified Planning Work Program
<b>Project: Air Quality Improvement Programs</b>			
Conduct Commute Solutions and other travel demand management public relations and marketing activities targeting employers, commuters, and students.	The Commute Solutions team conducted marketing activities at a variety of locations throughout the region and conducted marketing campaigns for Commute Solutions Month, Earth Day, Bike Month and more.	Achieved	Congestion Mitigation Air Quality
Develop coordinated approach to public outreach and education utilizing various Travel demand Management and community partners throughout the region.	The Commute Solutions team held a regionwide Transportation Demand Management (TDM) coordination meeting to begin to foster better coordination across the region concerning TDM issues and concerns. The team also coordinated with multiple employer partners, chambers, local governments, and management districts.	Achieved	Congestion Mitigation Air Quality

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Development of a comprehensive ridesharing platform to support the Commute Solutions program.	The Commute Solutions team has worked with the Texas Department of Transportation to prepare for launch, regionwide Transportation Demand Management components of the ConnectSmart system. These components have been launched and additional components are under development.	Achieved	Congestion Mitigation Air Quality
Provide support for Clean Vehicles Program projects that reduce NOx emissions using new technologies.	Staff provided technical support to qualified parties to receive grants for reimbursement for the purchase and replacement of vehicles to reduce ozone-forming emissions.	Achieved	Congestion Mitigation Air Quality
Leverage Department of Energy/Clean Cities Coalition resources to advance the use of alternative fuels, advanced vehicle technologies and fuel conservation strategies.	Staff coordinated Clean Cities Coalition tasks and activities including the facilitation of quarterly meetings for stakeholders, webinars and other educational events, distribution of a monthly newsletter, and the creation of podcasts featuring conversations with individuals on alternative fuels and advanced fuel technologies.	Achieved	US Department of Energy
Provide telework planning and implementation assistance to increase mode shift and retention.	Staff worked with area employers to develop, refine, launch and or support telework programs. The programs launched to date have the potential to impact tens of thousands of employees in the region.	Achieved	Congestion Mitigation Air Quality

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<b>Program: Transportation</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Complete and submit annual update of the fine particles, or particulate matter 2.5 (PM <sub>2.5</sub> ) Advance Path Forward plan to Environmental Protection Agency.	Staff worked with regional stakeholders to access the state of projects to reduce emissions of fine particles, or particulate matter 2.5 (PM <sub>2.5</sub> ) within the region. This work is ongoing and will culminate in an update to and release of this year’s PM <sub>2.5</sub> Advance Path Forward report.	Achieved	Unified Planning Work Program
Administer EPA Diesel Emission Reduction Act (DERA) Grants	Staff worked to develop and execute two projects to replace diesel-powered yard tractors at regional warehouse facilities with all-electric models. Both projects continued in 2022 and are currently underway.	Achieved	Environmental Protection Agency
Stakeholder and public outreach through air quality committees and subcommittees.	Staff continued to provide support for the Regional Air Quality Planning Advisory Committee and Transportation Air Quality subcommittees. Monthly and Quarterly agendas and meetings were planned and facilitated by staff.	Achieved	Unified Planning Work Program

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Socioeconomic Modeling</b>			
Update real estate development events in preparation for the next regional growth forecast release.	Updated 2021 and 2022 announced and planned development events. Processed 2021 appraisal data for the eight counties in the H-GAC Transportation Management Area. Developed 2020 base year population data necessary for the next forecast release.	Achieved	Texas Department of Transportation
Update socioeconomic and land use data for regional planning activities.	Socioeconomic and land use data are updated on a regular basis. Staff is also monitoring the impact of the COVID-19 pandemic on the regional economy, land use, and mobility.	Achieved	Texas Department of Transportation
Provide analytical support to Transportation Department and staff of other H-GAC programs on long-range planning and special projects.	Analytical support has been provided to the long-range planning and transit planning transportation programs, to economic development, human services, public services, sustainable development, and water resources programs. Analyzed data from various surveys conducted by the Transportation department including the Regional Transportation Visioning, Future of Work, and multiple employer surveys.	Achieved	Texas Department of Transportation and Texas Commission on Environmental Quality
<b>Project: Geographic Data Workshop</b>			
Cooperative purchase and processing of the 2022 regional aerial imagery.	Data Services and Data Analytics & Research are collaboratively facilitating the ‘after-market’ sale of 2022 regional aerial imagery data to other interested parties.	Achieved	Interagency Cooperative Purchase

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Maintain and update STAR*Map (Southeast Texas Addressing and Referencing Map) regional centerline network for the 13-county region.	Updates and improvements to the STAR*Map regional centerline and address point datasets using various data sources. We are in the process of streamlining the effort to achieve cost-savings.	Achieved	Maintenance Subscribers
Facilitate, coordinate, and sponsor the annual Houston Area Geographic Information System (GIS) Day event.	Plan, facilitate, coordinate, and host the 2023 Houston Area Geographic Information System (GIS) Day in November for regional high school students and GIS professionals via community fundraising from July to November.	Achieved	Sponsorship
Manage current and historical aerial imagery acquisition, providing a platform and workflow for sharing Geographic Information System (GIS) data and analysis via online services, and supporting the GIS needs of H-GAC users and member agencies.	In the process of transitioning from Data Services to Data Analytics & Research.	Achieved	Allocated Grant Funds

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Provide data and technical assistance to local governments, public, private, non-profit organizations, and academic institutions to aid decision-making and long-range planning.	Provided information support to local governments and to consultants working for local governments. Made available socioeconomic data from the United States Census, United States Bureau of Labor Statistics, and other sources for viewing and downloading on the H-GAC website. Presented H-GAC's interactive web mapping applications to various stakeholders in the H-GAC region.	Achieved	Texas Department of Transportation
Maintain and update web mapping applications to make data and analysis widely available to local governments, the private sector, and the public.	The staff updated and developed new interactive mapping applications for accessing socioeconomic, transportation, and resilience data. The new applications include Federal Railroad Crossing Dashboard, Regional Emergency Preparedness Dashboard, Future of Work Employer Survey Story Map, Streetlight Origin-Destination Travel Dashboard and Regional Crash Data.	Achieved	Texas Department of Transportation

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<b>Project: Transportation Demand Modeling</b>			
Assist Texas Department of Transportation in the Household Survey Data development to support of H-GAC’s regional and sub-regional travel forecasts.	Staff continues to participate in the Steering Committee setup by Texas Department of Transportation’s Transportation Planning and Programming staff in the preparation of the Household Survey within the H-GAC region. Sponsored and assisted Texas Department of Transportation Planning Division, Austin in providing awareness of the forthcoming Household survey data collection within the H-GAC region to Transportation Planning Council members and citizens within the H-GAC Metropolitan Planning Organization region through social media ads. Data collected will be used to update the H-GAC regional model and validate the H-GAC’s travel forecast models.	Achieved	Federal Highway Administration/Federal Transit Administration/Texas Department of Transportation-Transportation Planning Funds

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
<p>Conduct various surveys and traffic data collections such as the Origin-Destination Transit On-board Survey (Origin-Destination Survey), and the Commercial Airports Ground Access Surveys in support of the H-GAC planning process and travel forecasting.</p>	<p>Staff continued to work with H-GAC partners such as Metropolitan Transit Authority of Harris County, Texas Department of Transportation – Houston District, and the City of Houston Airport System for the plannings and the executions of the Origin-Destination On-board Transit Survey and the two commercial Airports (William Hobby &amp; George Bush Intercontinental Airport) ground access surveys. Origin-Destination Survey data collection contract was amended to include additional task to collect additional 900 to 1000 sample sizes to support the Activity-Based Model and the possible development of the Airport sub-model.</p> <p>The procurement of the Prime Contractor for the airport ground access survey is still at it’s final procurement stage due to low responses to the multiple Request for Proposals (published by the H-GAC Procurement Team) for the Surveys.</p>	<p>Achieved</p>	<p>Federal Highway Administration/Federal Transit Administration/Texas Department of Transportation-Transportation Planning Funds &amp; AFA 599 Fund</p>
<p>Collect traffic counts data on roadways not managed by Texas State Department of Transportation.</p>	<p>Staff continues to lead from 2022 into 2023 in procuring contractor for traffic count collection on non-state roadways systems within the H-GAC region, modified H-GAC 2022 traffic count site locations that added 63 new locations which are equivalent to the amount from existing sets removed from the original proposal to balance the budget. Traffic counts collection is still on-going</p>	<p>Achieved</p>	<p>Federal Highway Administration/Federal Transit Administration/Texas Department of Transportation-Transportation Planning Funds</p>

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Develop regional travel forecast for inputs into air quality analysis in the H-GAC Metropolitan Planning Organization (MPO) region.	Staff developed regional travel forecast data for inputs into air quality analysis. Staff conducted various scenarios model runs to support the regional travel demand and forecasting for the Air Quality Conformity Determination, worked on pre-analysis consensus document for the conformity, started the conformity process for the 2045 Regional Transportation Plan, and responded to the comments from the Federal Highway Administration regarding the conformity determination.	Achieved	Federal Highway Administration/Federal Transit Administration/Texas Department of Transportation-Transportation Planning Funds
Continue technical support and assistance in the implementation and the integration of the Activity-Based model with the Cube Voyager modeling platform in the region.	Staff continues with the data collection through various surveys to support the development and implementation and the validation of the Regional Activity Based Model to a newer base year and within the Cube Voyager model, reviewed and incorporated data collection through the Origin-Destination On-board Transit Survey to support the forthcoming development of the airport sub-model to support the H-GAC regional Activity-Based travel demand modeling model.	Achieved	Federal Highway Administration /Federal Transit Administration/Texas Department of Transportation-Transportation Planning Funds & AFA Fund

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Continue with the evaluation of the best software for Dynamic Traffic Simulation and the updates to the MOVES3 SEE model for the H-GAC region	Staff decided to partner with the Texas Department of Transportation Houston district with the Dynus-T (Mesoscopic-Model) and Vissim (Microscopic-Model), after evaluating software for the Dynamic Traffic Simulation for both types modeling. Staff worked with a Prime contractor (ERG Consultant) for the model update of the Spatial Emission Estimator sub-model of the Motor Vehicle Emission Simulator’s latest version model used in the Air Quality conformity determination.	Achieved	Continue with the evaluation of the best softwares for Dynamic Traffic Simulation and the updates to the MOVES3 SEE model for the H-GAC region
<b>Project: Geographic Data Workgroup</b>			
Provide data and technical assistance to H-GAC programs, local governments, public, private, non-profit organizations, and academic institutions to aid decision-making and long-range planning	Staff provided modeling and data support on regional planning and scenario planning studies such as the Inner Katy Bus Rapid Transit/ High Occupancy Vehicle, sustainable mobility alternatives for regional transportation, sustainable ways to integrate future transportation, South-East Harris County sub area, Waller county sub area, and H-GAC regional goods movement studies. Staff provided modeling support on H-GAC 2045 regional transportation plan update. Staff assisted in the development of the draft recommendation targets for the federal performance measures for reliability congestion and air quality and assisted with the updates to the methodology for the City of Houston Greenhouse Gas Emissions.	Achieved	Provide data and technical assistance to H-GAC programs, local governments, public, private, non-profit organizations, and academic institutions to aid decision-making and long-range planning

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Organize a regional Light Detection and Ranging (LiDAR) data acquisition project (collection time Feb-2024) to generate updated elevation and surface data for the region to assist H-GAC and its partner agencies in areas of Transportation / Environmental planning, Drainage / Flood plans, 3D visualization, Land change analysis.	Coordinating with local/regional (Counties, Cities, Drainage/Subsidence Districts, River Authorities), State (Texas Commission of Environmental Quality, Texas Natural Resources Information System, Texas Parks and Wildlife, Forest Services, Texas Department of Transportation), and Federal (United States Geological Services, Army Corps of Engineers, National Oceanic Atmospheric Administration, Environmental Protection Agency, Federal Emergency Management Agency) entities. Building a cost-share partner program and facilitate data needs of the partner entities.	Achieved	Interagency Cooperative Purchase
<b>Project: GIS Administration</b>			
Facilitate, coordinate, and sponsor monthly Geographic Data Workgroup meetings.	In collaboration with Data Services, Data Analytics & Research coordinated Geographic Data Workgroup monthly meetings for over 92 member agencies in the H-GAC region. With the departure of Brooks Andrews, the lead workgroup members decided to start rotating hosts for all subsequent meetings and to reduce frequency to bimonthly. Meetings were hosted virtually in 2022 but are conducted in a hybrid format (hosted at H-GAC) moving forward.	Achieved	Data Sales

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Cooperative purchase and processing of the 2022 regional aerial imagery.	Data Services and Data Analytics & Research are collaboratively facilitating the ‘after-market’ sale of 2022 regional aerial imagery data to other interested parties.	Achieved	Interagency Cooperative Purchase
Cooperative purchase and processing of regional Business and Household databases.	In the process of coordinating the cooperative purchase of 2023 Business and Household Database for cost-share partners.	Achieved	Interagency Cooperative Purchase
Maintain and update STAR*Map (Southeast Texas Addressing and Referencing Map) regional centerline network for the 13-county region.	Updates and improvements to the STAR*Map regional centerline and address point datasets using various data sources. We are in the process of streamlining the effort to achieve cost-savings.	Achieved	Maintenance Subscribers
Facilitate, coordinate, and sponsor the annual Houston Area Geographic Information System (GIS) Day event.	Plan, facilitate, coordinate, and host the 2023 Houston Area Geographic Information System (GIS) Day in November for regional high school students and GIS professionals via community fundraising from July to November.	Achieved	Sponsorship

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Manage current and historical aerial imagery acquisition, providing a platform and workflow for sharing Geographic Information System (GIS) data and analysis via online services, and supporting the GIS needs of H-GAC users and member agencies.	In the process of transitioning from Data Services to Data Analytics & Research.	Achieved	Allocated Grant Funds
<b>Project: GIS Administration</b>			
Provide GIS support, guidance, and capabilities to H-GAC GIS users. This includes developing innovative and industry best practices using our GIS software that can enable more efficient workflows and processes.	In the process of transitioning from Data Services to Data Analytics & Research: Maintain and administer local GIS systems including ArcGIS Desktop, ArcGIS Server/Enterprise, and ArcSDE platforms with IT support. Providing guidance and enhanced workflows to internal Geographic Information System (GIS) users when requested as well as GIS requests and troubleshooting.	Achieved	Allocated Grant Funds
Continue to offer the public GIS data through digital download and online map services.	Providing free Geographic Information System (GIS) data, maps, applications, and other geospatial resources through the H-GAC Regional Data Hub and the agency ArcGIS Online page.	Achieved	Allocated Grant Funds

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<b>Program: Data Analytics and Research</b>			
<b>PLANNED</b>	<b>ANALYSIS OF PROGRESS</b>	<b>STATUS</b>	<b>FUND SOURCE</b>
Maintain the enterprise Global SDE database to ensure H-GAC GIS users have access to current data.	Continue to add to and update the existing Geographic Information System (GIS) data in the Global SDE for internal GIS user access while creating web services of said data for cloud GIS usage via the agency ArcGIS Online page.	Achieved	Allocated Grant Funds
Continue to expand usage of the agency ArcGIS Online website to H-GAC users that can benefit from cloud-based mapping applications and geospatial capabilities.	Expanded the use of ArcGIS Online to individual users in departments with and without existing Geographic Information System (GIS) capabilities; includes custom GIS application production for several H-GAC projects within other departments.	Achieved	Allocated Grant Funds
Provide and coordinate on-site, off-site, and online GIS training opportunities for both GIS and non-GIS users at H-GAC as well as the public GIS community within the H-GAC region.	Data Analytics & Research GIS administration is in the process of organizing on-site training for GIS users at H-GAC to migrate into ArcGIS Pro. Planning training events for non-GIS users on use of interactive web applications to extract information for their program areas.	Not Achieved	Allocated Grant Funds