FY 2026 and FY 2027

UNIFIED PLANNING WORK PROGRAM (UPWP)

Houston-Galveston Area Council

Transportation Policy Council

TRANSPORTATION MANAGEMENT AREA (TMA) STATUS:

Transportation Management Area (TMA)

AIR QUALITY STATUS:

Nonattainment

The preparation of this report has been financed in part through grant(s) from the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), U.S. Department of Transportation (USDOT), under the State Planning and Research Program, Section 505 [or Metropolitan Planning, Section 104(d)] of Title 23, U.S. Code. The contents of this report do not necessarily reflect the official views or policy of the U.S. Department of Transportation.

This UPWP complies with federal and state requirements, is true and correct, and is approved by *The Transportation Policy Council*: *Adopted 06/27/2025*

Federal Approval:

Houston-Galveston Area Council - 3555 Timmons - Houston, TX 77027 - 713-627-3200 - H-GAC.com

Resolution

No. UPWP 2026/27-00

ADOPTING THE 2026-2027 UNIFIED PLANNING WORK PROGRAM FOR TRANSPORTATION PLANNING BY THE TRANSPORTATION POLICY COUNCIL FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA AND CERTIFYING COMPLIANCE WITH FEDERAL PLANNING REQUIREMENTS.

WHEREAS, the U.S. Department of Transportation, prior to the funding of any planning or capital grant project within an urban region, requires the preparation and adoption of a Unified Planning Work Program (UPWP) describing transportation planning activities to be accomplished during the two-year period of 2026-2027; and

WHEREAS, the 2026-2027 Unified Planning Work Program addresses the needs for planning Administration/Management, Data Development and Maintenance, Short Range Planning, Metropolitan Transportation Planning, and Special Planning Projects/Studies, identifying agency responsibilities by work task and anticipated funding requirements; and

WHEREAS, the Transportation Policy Council certifies its compliance with federal planning requirements as outlined in the introduction of the 2026-2027 Unified Planning Work Program and in accordance with 23 CFR Part 450.334 and 450.222; and

WHEREAS, the Transportation Policy Council certifies its compliance with federal and state statutes in regard to debarment, lobbying, procurement practices, and ethical practices; and

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL, FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT:

- **The 2026-2027 Unified Planning Work Program (UPWP) is hereby adopted; and**
- **Cost overruns of up to 25 percent at the activities task level are allowable, provided that the total as shown in the Funding Summary for 2026-2027 UPWP are not exceeded.**

PASSED AND APPROVED, this 27th day of June 2025, at a regularly called meeting of the Transportation Policy Council for the Houston-Galveston Transportation Management Area.

APPROVED:

Hon. Justin Beckendorff, Chair
Transportation Policy Council

ATTEST:

Hon. Lesley Briones, Secretary
Transportation Policy Council

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EXECUTIVE SUMMARY

The **FY 2026–2027 Unified Planning Work Program (UPWP)** outlines the transportation planning activities that the Houston-Galveston Area Council (H-GAC) Metropolitan Planning Organization (MPO) will conduct through a combination of MPO staff, partner agencies, and/or consultant assistance. This two-year work plan begins on October 1, 2025 and concludes on September 30, 2027. The UPWP guides the use of federal transportation planning funds (TPF) in the eight-county Houston-Galveston Metropolitan Planning Area (MPA), which includes Harris, Brazoria, Chambers, Fort Bend, Galveston, Liberty, Montgomery, and Waller counties.

The UPWP is developed collaboratively with local, state, and federal partners and reflects the MPO's commitment to meeting federal requirements, advancing regional priorities, and addressing the challenges of rapid growth, congestion, air quality, and infrastructure needs in the MPA.

The 2026–2027 UPWP is structured around five main tasks:

1. **Administration and Management** – Supports overall MPO operations, financial oversight, public outreach, and compliance with federal and state regulations.
2. **Data Development and Maintenance** – Involves maintaining and enhancing data systems and models that inform regional transportation planning. This includes travel demand modeling, socioeconomic forecasting, GIS-based tools, and emissions analysis.
3. **Short-Range Planning** – Focuses on developing and maintaining the Transportation Improvement Program (TIP), supporting transit planning, regional coordination, air quality planning, and emergency evacuation strategies.
4. **Metropolitan Transportation Plan** – Addresses long-term planning activities, including development and implementation of the upcoming 2050 Regional Transportation Plan (RTP), subregional studies, freight planning, active transportation planning, transit planning, and multimodal studies and plans.
5. **Special Studies** – Includes one-time or specialized planning efforts, such as major corridor analyses, resilience, regional ITS maintenance, and the Livable Centers Program.

INTRODUCTION

INTRODUCTION

The Unified Planning Work Program (UPWP) is developed by the Houston-Galveston Area Council (H-GAC) Metropolitan Planning Organization (MPO) and documents metropolitan transportation planning activities performed with federal transportation funds and other planning activities that are regionally significant. This UPWP documents the metropolitan planning requirements, planning priorities facing the Houston-Galveston metropolitan area, and transportation planning activities and related tasks to be accomplished during Fiscal Year 2026 and 2027 (October 1, 2025, to September 30, 2027). The UPWP is developed by H-GAC in cooperation with Federal and State agencies, local governments and transit operators.

The Houston-Galveston Area Council (H-GAC) and its Transportation Policy Council (TPC) has served as the Metropolitan Planning Organization (MPO) for the Houston-Galveston Metropolitan Planning Area since 1974, and was most recently redesignated in this role in 1988. The Houston-Galveston Metropolitan Planning Area consists of Harris County and seven surrounding counties of Montgomery, Liberty, Chambers, Galveston, Brazoria, Fort Bend, and Waller. This Planning Area encompasses two Transportation Management Areas (TMA) designated by the Federal Highway Administration: the Houston TMA and The Woodlands-Conroe TMA. The TPC provides policy guidance and overall coordination of the transportation planning activities within the region. The TPC consists of 31 members including cities in the Metropolitan Planning Area with population of over 50,000, eight counties, two Texas Department of Transportation (TxDOT) Districts, the Metropolitan Transit Authority of Harris County (METRO), three at-large members appointed by TPC representing cities under 50,000, Port of Houston, Port of Freeport, and the Gulf Coast Rail District. Each of the 31 Members has an alternate who is also a voting member in the absence of their voting primary representative.

The H-GAC MPO follows the Fixing America's Surface Transportation Act's (FAST Act) final planning rules for Metropolitan Planning Processes and also follows additional planning guidance provided by the United States Department of Transportation to implement the 2021 Infrastructure Investment and Jobs Act (IIJA), which established new metropolitan transportation planning requirements. Current surface transportation and metropolitan planning regulations require Metropolitan Planning Organizations and state Departments of Transportation to establish performance measures and set performance targets for each of the seven national goal areas to provide a means to ensure efficient investment of federal transportation funds, increase accountability and transparency, and improve investment decision-making.

A. PURPOSE

The ***2026-2027 Unified Planning Work Program*** (UPWP) describes the transportation plans and programs and the transportation-related air quality planning activities that will be conducted during Fiscal Years 2026 and 2027 regardless of funding sources or agencies conducting these activities. Through the development of the UPWP, changes in regional transportation planning

priorities are identified. In addition, the role of the Houston-Galveston Metropolitan Planning Organization (MPO) for the Houston-Galveston Metropolitan Planning Area (MPA) is documented.

The process of operating, maintaining, and improving the region's surface transportation system is complex and demands ongoing regional planning efforts. Many of the activities described in this document support the collaborative and coordinated performance-based approach to transportation decision-making process to support state and local government agencies, transportation providers, shippers, and carriers of goods, the residents of the region, and to support national goals. Through the cooperation of these stakeholders, the products of these planning efforts will provide the region with greater mobility benefits. The following five tasks document the transportation planning activities in the Metropolitan Planning Area during fiscal years 2026 and 2027:

Task I – Administration and Management describes the administrative support activities such as financial management, contract management, public outreach, and the general management of the MPO.
Task II – **Data Development and Maintenance** describes the collection, maintenance, and analysis of transportation data. These activities include the development of socioeconomic forecasts and travel demand models to determine where future transportation investments should be considered.
Task III – **Short-Range Planning** addresses planning for activities taking place within a three to ten-year timeframe, including the Transportation Improvement Program (TIP), the Ten-Year Transportation Plan, as well as transit feasibility studies, and operations planning. Task III also includes transportation-related air quality planning activities.
Task IV – **Metropolitan Transportation Plan** describes long-range planning for development and maintenance of a Regional Transportation Plan (RTP), which includes all regional and subregional long-range planning activities, reflecting the needs-based planning activities of urban, suburban, and rural communities. These activities include identifying and addressing transportation needs in high-growth areas.
Task V – Special Studies includes special one-time planning activities, including major corridor studies/analyses and support transportation resiliency planning activities. Task V also includes ongoing maintenance of the Regional Intelligent Transportation System (ITS), as well as efforts to improve traffic safety in the region and evacuation planning. Task V incorporates activities involving H-GAC's Livable Centers program.

Timeline: Houston-Galveston Area Council MPO will conduct a two-year UPWP with projects and budgets spanning over a two-year period. Any projects not completed in the first year will be carried forward to year two for completion along with corresponding funding.

UPWP Development Timeline

Item	Timeframe
Collection of Local Planning Efforts	December-February
UPWP Internal Development and Budget Planning	December-March
Completion of Draft	March
Presentation of Draft to TAC/TPC as Information Item	April
Public Meeting Presenting UPWP Draft	April
Public Comments Open to Public	April-May
Submission of Draft to TxDOT	May
Presentation of Final Draft to TAC/TPC as Action Item and Approval	June
Submission to TxDOT	July

REQUIRED PLANNING CONSIDERATIONS

The Fixing America's Surface Transportation (FAST) Act and subsequent reauthorizations of federal surface transportation programs require the consideration of 10 factors in the metropolitan and statewide planning processes listed in 23 USC 134(h). The list below illustrates how the MPO addresses these factors:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency

- *The Regional Transportation Plan (RTP) focuses on strategic corridor plans that will improve the movement of people and goods within and through the region (Subtask4.1).*
- *The MPO supports transit service activities that foster urban redevelopment and improve access around transit stations (Subtasks 3.2, 4.4, and 5.7).*
- *The MPO supports activities of the Greater Houston Freight Committee to better incorporate private sector freight user perspectives into the transportation planning process (Subtask 4.2).*

2. Increase the safety of the transportation system for motorized and non-motorized users

- *The TIP provides funding for improved bicycling & pedestrian facilities (Subtask 3.1 and 4.5).*
- *The MPO will lead the regional development of regional safety action plans. (Subtask 5.1).*
- *The RTP focuses on identification of crash hot spots and strategies to reduce crashes (Subtask 4.1 and 5.1).*

- *The MPO convenes the Transportation Safety Committee to address transportation safety in the region and engages in various safety-related initiatives (Subtask 5.1).*

3. Increase the security of the transportation system for motorized and non-motorized users

- *The TIP provides funding for improved lighting in and around transit centers (Subtask 3.2).*
- *The RTP supports connections at port entrances and exits that facilitate enhanced security (Subtask 4.1).*
- *The MPO participates in emergency preparedness and evacuation activities initiated by state and local governments (Subtask 5.2).*

4. Increase the accessibility and mobility of people and for freight

- *The TIP project selection criteria assign benefits to projects that: a) support/improve port operations, b) remove bottlenecks & fill gaps on the existing system that inhibit the movement of people and goods, and c) provide improved access between activity centers (Subtask 3.1).*
- *The RTP focuses on strategic corridor plans that will improve the movement of people and goods within and through the region (Subtask 4.1).*
- *The Congestion Management Process (CMP) ensures that new transportation investments will maintain or improve overall mobility for all users (Subtask 5.2).*

5. Protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns

- *The MPO engages in Sub-regional Planning initiatives designed to link local land use goals with transportation investments (Subtask 4.2).*
- *The MPO develops geographic information system (GIS) layers of regional environmental assets (Subtask 2.2).*
- *The MPO Air Quality planning supports all regional efforts to comply with federal air quality standards, while seeking to preserve the region's transportation needs and vitality (Subtask 3.3).*

6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight

- *The Livable Centers initiative is designed to improve access and connectivity to and around transit stations (Subtask 5.3).*
- *The TIP and RTP support projects such as intermodal terminals that link a variety of modes in one station (Subtasks 3.1 and 4.1).*
- *The MPO supports regional vanpooling, carpooling and telework initiatives (Subtask 5.2, 3.2. and 4.4).*
- *The TIP provides funding for transit implementations and studies (Subtask 3.1).*
- *Local Active Transportation Studies are designed to improve various means of active transportation such as biking and walking (subtask 4.5).*

7. Promote efficient system management and operation

- *The Congestion Management Process (CMP) focuses on identifying non-added capacity alternatives that will improve traffic flow and safety for motorists (Subtask 5.2).*
- *The RTP includes an expanded managed lane system to derive improved efficiency from new capacity projects (Subtask 4.1).*
- *The TIP provides funding for expansion of traffic management systems throughout the region (Subtask 3.1).*
- *Operations efforts, such as Intelligent Transportation Systems (ITS) Planning and Incident Management, promote lower-cost, non-added capacity alternatives for improving traffic flow (Subtask 5.2).*

8. Emphasize the preservation of the existing transportation system

- *The selection of projects to include in the TIP or RTP requires consideration of long-term operations and maintenance costs (Subtask 3.1).*
- *Intelligent Transportation Systems (ITS) Planning and the development of Incident Management activities address alternatives that maximize the efficiency of the current system (Subtask 5.2).*
- *The MPO works with the state to identify major reconstruction needs over the life of the plan (Subtask 3.1).*

9. Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation

- *The MPO works with regional stakeholders to collect and analyze information to improve resiliency and reliability of the transportation system and reduce or mitigate storm water impacts on surface transportation (Subtask 5.1).*

10. Enhance travel and tourism

- *The MPO coordinates with representatives in the tourism industry to further understand tourism industry trends and needs related to transportation infrastructure and planning (Subtask 4.1).*
- *The MPO coordinates with representatives in the private transportation operators, tour bus operators and intercity bus operators to further understand industry trends and needs related to transportation infrastructure and planning (Subtask 5.1 and 3.2).*
- *The Livable Centers program supports the development of walkable, mixed-use places that utilize multi-modal travel choices and improve accessibility for regional residents and visitors (Subtask 5.3).*

Federal transportation legislation has placed an increased emphasis on performance-based planning and programming to increase accountability and transparency regarding transportation investments. This includes the requirement that MPOs establish performance measures in conjunction with the following seven national goals outlined in U.S.C. 23 Sec 150(b):

1. **Safety** - Achieve a significant reduction in traffic fatalities and serious injuries on all public roads.

2. **Infrastructure condition** - Maintain the highway infrastructure asset system in a state of good repair.

3. **Congestion reduction** - Achieve a significant reduction in congestion on the National Highway System.

4. **System reliability** - Improve the efficiency of the surface transportation system.

5. **Freight movement and economic vitality** - Improve the national freight network, strengthen the ability of rural communities to access national and international trade markets, and support regional economic development.

6. **Environmental sustainability** - Enhance the performance of the transportation system while protecting and enhancing the natural environment.

7. **Reduced project delivery delays** - Reduce project costs, promote jobs and the economy, and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices.

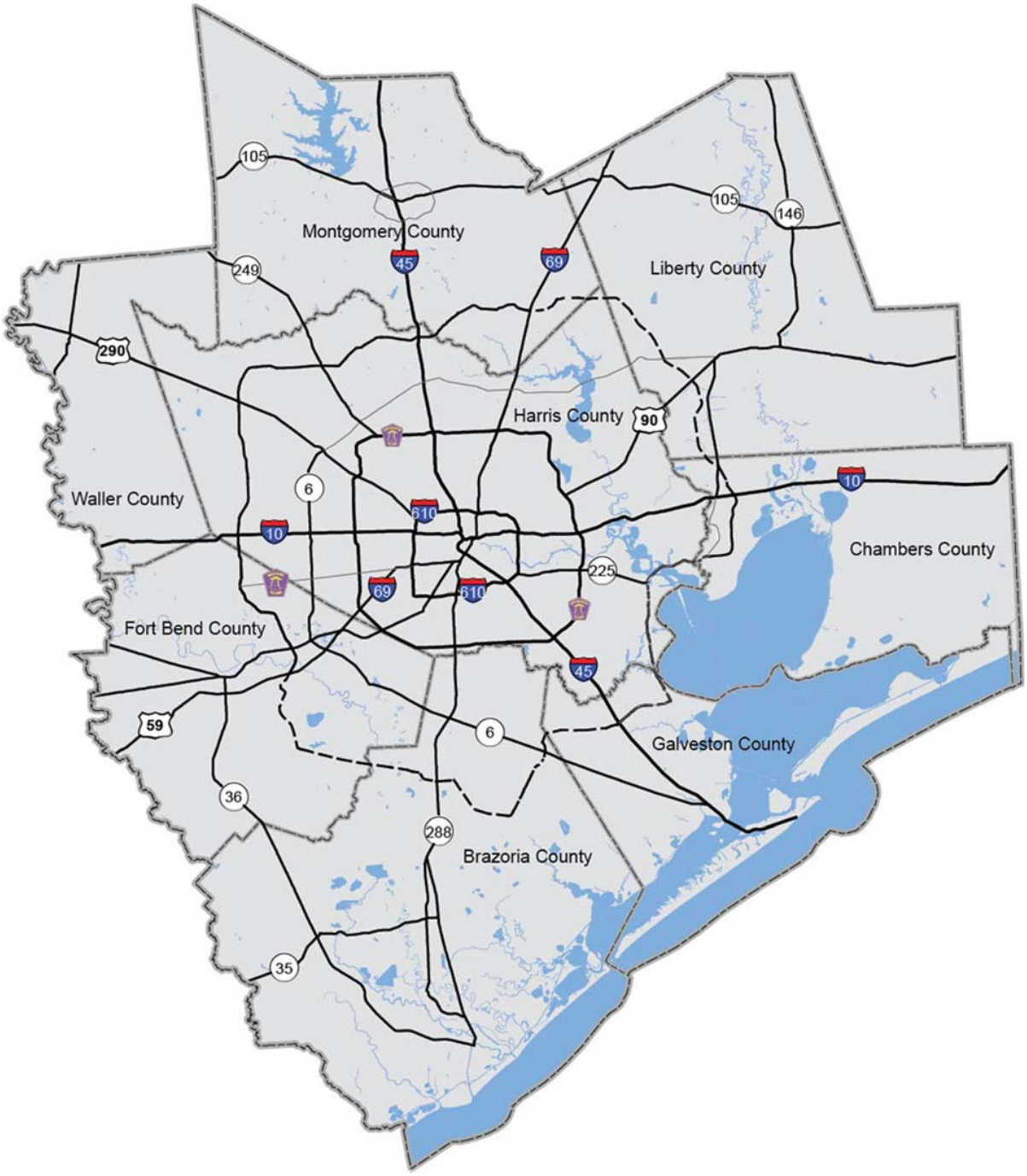
H-GAC, through an annual performance management process, reviewing and implementing the Regional Transportation Plan, and conducting thoroughfare and corridor planning, reviews and reassess performance measures to reflect the seven national goals and strategies to attain them.

MPOs are required to develop a public involvement process that provides complete information, timely notification, and public access to the planning process. H-GAC developed and adopted its Public Participation Plan (PPP) in 2007, which was updated in November 2012, July 2017, and January 2021. The intent of the PPP is to create a transportation planning process that is accessible, inclusive, and proactive. The plan is designed to educate and inform the public about transportation, and to provide the public with opportunities to contribute their ideas and opinions in a meaningful way early and often throughout the planning process.

B. DEFINITION OF AREA

The Houston-Galveston Area Council has been designated by the Governor of Texas to serve as the Metropolitan Planning Organization (MPO) for transportation planning in the urbanized region that consists of Brazoria, Chambers, Fort Bend, Galveston, Harris, Liberty, Montgomery, and Waller counties. This eight-county Metropolitan Planning Area (MPA) includes an estimated 7.2 million people. The MPA includes four U.S. Census-designated urbanized areas with populations greater than 50,000 (the Houston Urbanized Area, The Woodlands-Conroe Urbanized Area, the Galveston-Texas City Urbanized Area, and the Lake Jackson

Urbanized Area). **Appendix B** contains a map of the Houston-Galveston MPA.



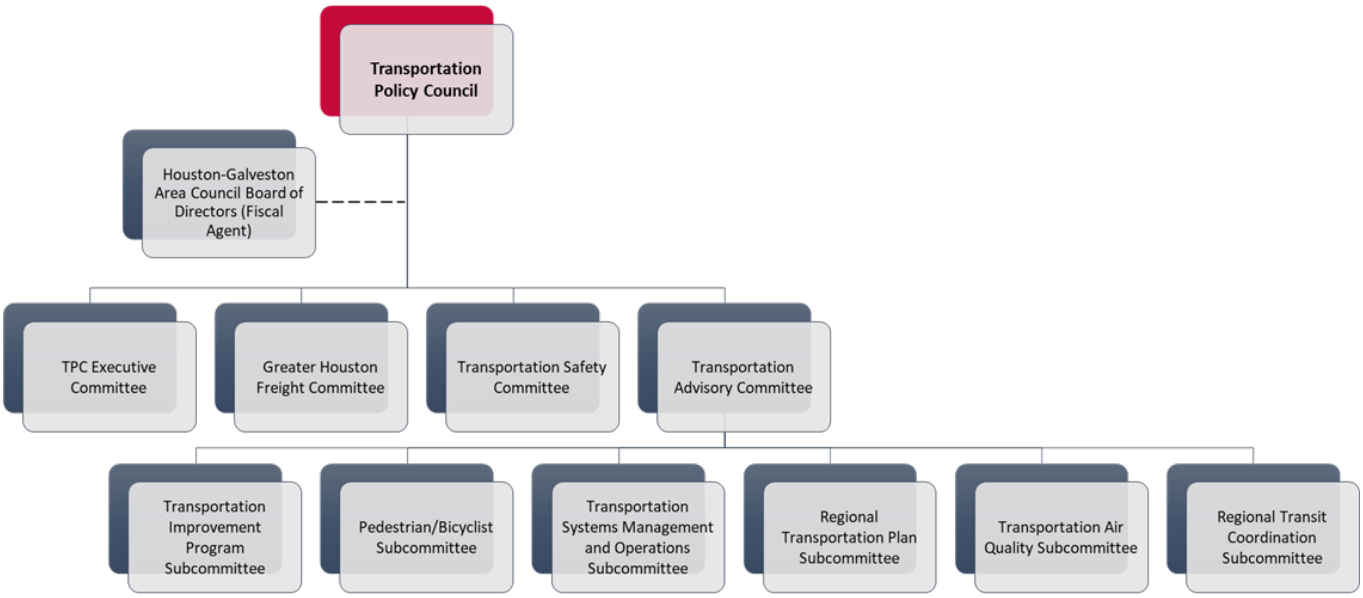
C. ORGANIZATION

The Transportation Policy Council (TPC) is the policy-making board for the MPO. Its thirty-one (31) voting members are responsible for the development and approval of transportation plans and programs within the MPA. Membership on the TPC consists of chief elected officials and their designated alternates from the ten major cities (over 50,000 in population) and each of the eight counties within the MPA. Three at-large representatives of smaller cities (less than 50,000 population) are appointed by TPC, as well. The Texas Department of Transportation (TxDOT) has two representatives, one from each of their two districts in the MPA and the Metropolitan Transit Authority of Harris County (METRO) has one representative. The Woodlands Township, while not a city, but having a population over 50,000, has one representative. The Gulf Coast Rail District, Port Houston, and Port Freeport each have one representative. In 2024, the TPC established a TPC Executive Committee whose purpose is to provide general oversight of MPO operations, to establish the MPO Director's performance objectives, to review the MPO Director's performance, compensation, and continued employment, and to consider all other matters as determined by the Chairman. Current TPC membership is listed in **Appendix A**.

The TPC created a standing Transportation Advisory Committee (TAC) to assist with the technical aspects related to the development of the RTP; the TIP; the Regional Bicycle and Pedestrian Plan; major corridor studies; and other transportation programs and plans. Its membership consists of forty-four (44) transportation planning and air quality experts from agencies throughout the MPA, as well as representatives from various advocacy groups with an interest in transportation decisions. The TAC exists to assure that transportation-planning decisions are considered in their broadest context. The TAC currently has established six (6) subcommittees to assist with specific program activities. These are: Regional Transportation Plan (RTP) Subcommittee, Transportation Improvement Program (TIP) Subcommittee, Transportation Air Quality Subcommittee, Regional Transit Coordination Subcommittee, Transportation Systems and Management Operations (TSMO) subcommittee, and the Pedestrian and Bicyclist Subcommittee. Current TAC membership can also be found in **Appendix A**.

In 2005, the TPC renamed the Transportation Safety Committee (previously the Regional Safety Council) which is established to provide recommendations for improving transportation safety in our region. Its membership consists of professionals with backgrounds in transportation, law enforcement, emergency medical service, injury prevention, public health, trucking, railroads, insurance, shipping, safety advocacy, and safety research.

In 2016, the TPC created the Greater Houston Freight Committee to better incorporate private sector freight user perspectives into the transportation planning process. The Committee, with co-chairs appointed by the TPC, seeks to accomplish this through regular open meeting highlighting relevant industry trends and needs. The Committee identified a locally significant freight roadway network, recommended investment in critical facilities associated with a boom in petrochemical manufacturing and coordinated with Texas Freight Advisory Committee in the updating of the State Freight Mobility Plan.



D. NON-MPO INVOLVEMENT

The private and non-profit organizations are encouraged, to the maximum extent feasible, to participate in the HGAC's metropolitan transportation and air quality planning process, and the region's private and non-profit sectors are actively involved in planning efforts outlined in the 2026-2027 UPWP. These various organizations participate in H-GAC's transportation policy structure. Industry interests and business groups have representatives serving on the Transportation Advisory Committee, the Regional Air Quality Planning Committee, the Transportation Safety Committee, the Greater Houston Freight Committee, and their respective subcommittees. In addition, H-GAC utilizes private sector and non-profit contractors and consultants to execute many of its planning responsibilities; these relationships both help ensure that the MPO's work is completed but also provide a regular opportunity for the private sector to add perspective and expertise to the execution of this UPWP.

Private businesses and non-profit organizations also serve on steering committees, which provide guidance for various transportation-related plans & studies. Transportation Management Organizations (TMOs) also provide opportunities for private sector and non-profit agency involvement related to ridesharing, vanpooling, and other trip reduction activities. H-GAC provided start-up funds for many area TMOs, which assist employers in implementing transportation demand management (TDM) strategies.

H-GAC staff continue to provide technical assistance to private and public transit and paratransit operators in the planning and delivery of expanded transit services in coordination with METRO and other regional public transportation providers. Staff will continue to work through the FTA 5307 and FTA 5310 programs to expand the public transportation services through public/private partnership agreements.

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TASK 1 – ADMINISTRATION AND MANAGEMENT

The purposes of the activities listed under Task I are to provide administrative support to the transportation planning process for the eight-county Houston-Galveston Metropolitan Planning Area (MPA), to facilitate interagency cooperation and coordination, and facilitate effective communication and engagement with stakeholders and the community.

OBJECTIVE

The following key objectives summarize the main activities that the MPO will undertake to complete the requirements of Task I during the term of this Unified Planning Work Program:

- Administer and maintain operations of the MPO
- Manage contracts and agreements
- Maintain financial records
- Maintain the federal certification of the Houston-Galveston Transportation
- Management Area's transportation planning process.
- Administer and manage planning support services contracts.
- Provide technical assistance to local governments
- Provide technical assistance to the TPC
- Provide analysis of State and federal laws, regulations, and legislation
- Provide MPO comments to federal and state agencies
- Examine impacts of inflation on MPO activities
- Track legislative and rule-making activities
- Support public information exchange and education programs ensure an open planning process that supports early and continued public involvement
- Utilize online engagement tools/platforms/software
- Solicit public comments
- Provide live-streaming of TPC meetings
- Complete Language Assistance Plan Update
- Provide public information on regional transportation issues
- Support public outreach activities
- Create graphics and other visualizations
- Provide stakeholder outreach support
- Develop partnerships with community organizations
- Provide program support for Disadvantage Business Enterprise (DBE), the Americans with Disabilities Act (ADA), and Build America, Buy America Act (BABA).
- MPO reporting

EXPECTED PRODUCTS

Expected products of Task I include a wide variety of administrative reports and documentation summarizing the progress of various transportation planning efforts, activities such as committee meetings, and reports summarizing implementation of activities undertaken by the MPO that relate to or may influence transportation planning.

PREVIOUS WORK

- Worked on consultant and pass-through contracts for awarded planning projects and programs
- Prepared meeting agendas, meeting notices, minutes and agenda item background materials for TPC and TAC meetings, as well as annual workshops for TPC and TAC members.
- Participated in meetings of the Association of Metropolitan Planning Organizations (AMPO), Texas Metropolitan Planning Organizations (TEMPO), American Planning Association (APA), National Association of Regional Councils (NARC), Texas Association of Regional Councils (TARC), Transportation Research Board (TRB), American Association of State Highway and Transportation Officials (AASHTO), ITS Texas and other transportation planning organizations.
- Completed the Annual Performance and Expenditure Report (APER) for Fiscal Year 2024.
- Supported daily operations for the MPO in the areas of public outreach, program administration, office management, grant management, computer systems management, and quality control.
- Offered technical support to staff for computer distribution, inventory, meeting set ups, software, product assessments, and purchasing.
- Contract implementation, management, and compliance.
- Day to day operations of the MPO, including the fiscal management, contracts, handling of personnel matters, and the procurement of equipment and supplies required for operations.
- Coordinated, conducted, and implemented virtual or hybrid meetings during emergency situations to continue important business of the TAC and TPC using various meeting platforms.
- Publicized public meetings and public comment periods for MPO programs, projects, plans, and studies, the public outreach program utilized various communication tactics that included legal notices, social media postings, website postings, community calendar and event postings, social media advertising, digital advertising, news releases, flyers, email marketing, presentations, letters, information kits, and direct mail.
- Coordinated public meetings and received public comments.
- Conducted the annual Zip Zone Map Campaign that educated residents in the zip zone map area codes on which zip zone they live in and how to prepare for an evacuation. The Together Against the Weather campaign also ran in fiscal year 2025 and educated residents, stakeholders, community organizations, and local governments on how to prepare for hurricane season.
- Continued to maintain a community contact and stakeholder list (through Constant Contact) for distribution of public meeting information and materials during fiscal year 2025.

SUBTASK- ***All activities will be funded by Transportation Planning Funds (TPF) unless noted otherwise.***

Subtask 1.1 Program Support/Unified Planning Work Program

This subtask includes all administrative support for the MPO planning program in general, including the financial management of the MPO's operations, contract management, departmental reporting, the provision of technical assistance to member agencies, and participation in state and national organizations involved in transportation planning and development.

Subtask 1.1 also includes the development and maintenance of the Unified Planning Work Program (UPWP), which describes the transportation plans and programs and the transportation- related air quality planning activities conducted during the fiscal year(s) regardless of funding sources or agencies conducting these activities.

Subtask 1.1.a – Administration and Program Support

- Administer and maintain operations of the MPO, including the fiscal management, contracts, handling of personnel matters, and the procurement of equipment and supplies required for operations. This includes the tracking and monitoring of MPO employee time and benefits (including sick and vacation hours).
- Manage contracts and agreements between the MPO and participating agencies or subcontractors. Support contract implementation, management, and compliance.
- Maintain financial records for departmental contracts and ensure payment of invoices.
- Maintain the federal certification of the Houston-Galveston Metropolitan Planning Area's transportation planning process, related requirements associated with the budgeting and expenditures of Federal, State, and local funding, including the Annual Performance and Expenditure Report (APER), and meeting requirements for the Disadvantaged Business Enterprise triennial-goal development and reporting, Buy America requirements, and self-certification assurances.
- Participate in planning-related organizations. Conduct non-lobbying participation in the Association of Metropolitan Planning Organizations (AMPO), Texas Metropolitan Planning Organizations (TEMPO), National Association of Regional Councils (NARC), American Planning Association (APA), Texas Association of Regional Councils (TARC), Transportation Research Board (TRB), American Association of State Highway and Transportation Officials (AASHTO), ITS America, ITS Texas, and other organizations that enhance the planning process. This may include agency memberships in these organizations (individual memberships are not a reimbursable expense).
- Attend, participate in, or present at transportation-related conferences, training sessions and meetings at the local, regional, state, and national levels for professional development and to enhance implementation of activities listed in this UPWP and the MPO planning processes. (Out of state travel using TPF funds requires pre-approval from TxDOT.)
- Maintain historical data, publications, and map warehousing/archive libraries, along with an online-query system for public research and access to historical information.
- Departmental procurements and acquisitions. Conduct the acquisition of supplies, services, software, equipment, maintenance, and staff training necessary to support

MPO operations and facilitate transportation and related air quality planning activities.

- Software and equipment procurement. Conduct acquisition of equipment and software, with prior FHWA approval for those procurements with a threshold of $10,000.00 or more per unit cost.
- Provide Disadvantaged Business Enterprise (DBE) support to the MPO through data collection, reporting, compliance, and education.
- Provide support of Build America Buy America (BABA) provisions to MPO staff and consultants.
- Provide support of for American Disabilities Act (ADA) reporting and local government transitions plans.
- Engage in transportation planning-related travel, administration works to retain required prior State and Federal approval for travel taking place out-of-state; ensuring all procedures are followed.
- Coordinate meeting logistics. Provide food and non-alcoholic beverages, pending TxDOT approval, at selected meetings and events when deemed appropriate.
- Publish the Annual Listing of Obligated Projects (ALOP) providing project level details on the use of federal funds for each fiscal year. The ALOP reports a list of projects that actually receive an obligation (FHWA or FTA approval) and undergo contract to expend federal funds.

Subtask 1.1.b – Unified Planning Work Program Development

- The MPO will develop, monitor, and coordinate the Unified Planning Work Program (UPWP) to ensure that the region's transportation and metropolitan planning needs and priorities are identified and addressed. The MPO will also develop amendments to the UPWP during the term of the UPWP that address new issues or requirements, new planning needs, new planning efforts by partners and enhance implementation of UPWP tasks.
- Maintain the 2026-2027 Unified Planning Work Program (UPWP), reflecting current plans, programs, and regional priorities, by amendments approved by the TPC, TxDOT, FHWA, and FTA.
- Track and report the implementation of the 2026-2027 UPWP, providing reports and recommendations to the TPC.
- Develop and adopt the 2028-2029 UPWP per schedule determined by staff in coordination with other transportation partnering agencies.
- Complete the required Annual Performance Expenditure Report (APER) following each UPWP fiscal year.

Subtask 1.1.c – Public Policy and Governmental Affairs

- Provide technical assistance to local governments, public agencies, other qualified grant sponsors, and staff regarding federal grant applications, transportation planning activities, and transportation management issues. Grant coordination and support activities may include tracking grant opportunities, coordinating preparing data for applications, identifying potential
  projects and regional prioritization, and other activities that may increase successful grant applications from local stakeholders or the Metropolitan Planning Organization.
- Provide technical assistance to the TPC, the TAC, and other associated committees

and subcommittees. Technical assistance includes preparing meeting materials, meeting notices, maintaining meeting records, an annual training workshop for the respective members, and other assistance as directed. ***A consultant may be utilized*** to supply meeting ASL services, language translation services, and Police Presence at TPC meetings for the public.

- Provide analysis of State and federal laws, regulations, and legislation for TPC and TAC members, and local government officials to aid them in the application of regional transportation policy strategies.
- Provide MPO comments to federal and state agencies regarding proposed rules as part of the rule-making process.
- Organize seminars, peer exchanges, and peer reviews as necessary to facilitate communication between MPOs, federal, state, and local agencies.
- Develop briefings and printed materials for policymakers on federal and state issues relevant to the regional transportation planning process.
- Examine impacts of inflation on MPO activities and programs, project costs, and long-range planning opportunities.
- Acquire legal defense/advice with prior State and Federal approval for conformity determinations and other issues as determined to be necessary and reasonable to carry out the metropolitan planning process per 23 CFR 450 Subpart C, Metropolitan Transportation Planning and Programming, and consistent with 23 CFR 420.113. *(Local funds may be utilized in instances where federal funds are not eligible.)*
- Track legislative and rule-making activities. Monitor federal, state, and local legislative and rule-making activities that may have an impact on MPO operations. Without engaging in lobbying activities, provide information as needed, including public or solicited comments, to assist in any legislative or rule-making activities that may have an impact on MPO operations. ***A consultant may be utilized*** to monitor legislative and rule-making activities. *(Local funds may be utilized in instances where federal funds are not eligible.)*

Subtask 1.2 Public Involvement and Outreach

MPO staff engages in an ongoing, inclusive, and active public involvement process for transportation planning. The goals and objectives of the public involvement process are described in the Public Participation Plan, with the primary objective to provide timely, accurate, and complete information to the public on important transportation issues and solicit feedback as appropriate. Fulfilling this objective requires the continuous development of visualization techniques, educational materials, transportation websites, newsletters, and other public outreach activities.

Subtask 1.2.a – Public Involvement

- Support public information exchange and education programs that increase public interest and participation in ongoing transportation and air quality planning activities.
- Follow the public involvement guidelines outlined in the Public Participation Plan (PPP) to ensure an open planning process that supports early and continued public involvement, timely public notices, and full public access to information regarding key transportation decisions. ***A consultant may be utilized*** to update the PPP.
- Utilize online engagement tools/platforms/software, including surveys and/or polling,

for various projects within the region to increase residents' participation ***(a consultant may be utilized)***.

- Solicit public comments on transportation programs, projects, and policies and to respond to public comment in a timely fashion.
- Provide live-streaming of Transportation Policy Committee meetings and other, meetings and events as determined ***(a consultant or software vendor may be utilized)***.
- Update Public Participation Plan, including conducting public outreach to gather input and feedback from stakeholders, partners, and the public ***(a consultant may be utilized).***

Subtask 1.2.b – Public and Stakeholder Outreach

- Provide public information on regional transportation issues through a multitude of outreach activities including public meetings, television, radio, digital and social media, and print.
- Review strategies for public and stakeholder outreach and engagement to identify opportunities for expanding and enhancing participation in the planning process.
- Support public outreach activities and provide administrative support for public meetings that correspond with current and future transportation projects, plans, and studies by publishing legal notices, press releases and advertisements, conducting public meeting arrangements, slideshow presentation and production, and development of educational materials for distribution at the meetings.
- Create graphics and other visualization components to deliver information to interested parties through digital media communications including websites, webinars, social media, video and audio technologies, and photography. Develop and maintain listservs and community contact lists to ensure adequate distribution and notices of public meetings and materials to interested parties.
- Provide stakeholder outreach support including printed materials for policymakers on federal and state issues relevant to the regional transportation planning process.
- Develop and implement webinars and training opportunities that provides staff and member jurisdictions a forum on education in transportation trends and topics, emerging technologies, and key transportation planning issues facing the industry.
- Develop partnerships with community organizations to provide public information on regional transportation issues, projects, and studies.
- Conduct a hurricane preparedness public outreach campaign to promote the Together Against the Weather program and the Zip Zone maps development.

Consultant/Contractor Activities

Task/Subtask	*Activity/Project*	*Status*	*Activity Type*	*Funding Source*
1/1.1.a	Meeting /MPO Support-ASL/Language Translation	Ongoing	Contract Services	TPF
1/1.1.c	Legislation /Policy Software	Ongoing	Contract Services	TPF
1/1.2.a	Engagement Tool	Ongoing	Contract Services	TPF
1/1.2.a	Update Public Participation Plan	Ongoing	Consultant or Staff	TPF
1/1.2.a	Live-streaming Tool	Ongoing	Contract Services	TPF

FUNDING SUMMARY

Table 1a: Task 1 – FY 2026 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[1]	Other Federal/State Funds	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[2]
1.1	MPO	$ 5,100,888.00	$ 0	$ 0	$ 5,100,888.00	$ 0
1.2	MPO	$ 576,184.00	$ 0	$ 0	$ 576,184.00	$ 0
	Total	**$ 5,677,072.00**	**$ 0**	**$ 0**	**$ 5,677,072.00**	**$ 0**

Table 1b: Task 1 – FY 2027 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[3]	Other Federal/State Funds	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[4]
1.1	MPO	$ 5,036,624.00	$ 0	$ 0	$ 5,036,624.00	$ 0
1.2	MPO	$ 576,743.00	$ 0	$ 0	$ 576,743.00	$ 0
	Total	**$ 5,613,367.00**	**$ 0**	**$ 0**	**$ 5,613,367.00**	**$ 0**

[1] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[2] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.
[3] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[4] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.

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TASK 2 - DATA DEVELOPMENT AND MAINTENANCE

The purposes of the activities listed under this subtask are to collect, maintain, update, and utilize the basic data, models, and tools required for executing the planning activities described in this document.

OBJECTIVE

- Develop and maintain travel demand modeling tools and explore advanced practice modeling methods that enhance the region's capabilities for regional, sub-regional, and corridor planning activities and analysis.
- Provide transportation modeling support for regional and sub-regional transportation planning studies, programs, and projects.
- Participate in data collection efforts in the region (H-GAC initiatives or in support of other transportation agencies) to advance the sharing of roadway inventory data and candidate roadway project information between various transportation agencies.
- Maintain a regional database clearinghouse on H-GAC's web site to provide access to data generated by the various transportation agencies.
- Collect, process, and analyze demographic, socioeconomic, and land use data for the development and implementation of regional transportation plans and systems.
- Improve and enhance the existing operational version of the demographic, economic and land use forecasting model.
- Develop and maintain interactive web mapping tools and applications in support of regional transportation plans, programs, and projects.
- Provide informational services and analytical support to regional transportation agencies, local governments, and their consultants in support of regional transportation planning activities and studies.

EXPECTED PRODUCTS

Expected products of Task II include a wide variety of technical reports and documentation summarizing the findings of various transportation planning efforts and data analysis, activities such as committee meetings, and reports summarizing implementation of activities undertaken by the MPO that relate to or may influence transportation planning. A comprehensive list and description of the likely products from each subtask are included in each subtask description. Houston-Galveston Area Council Unified Planning Work Program.

PREVIOUS WORK

- Continued updates, validation, and calibration of the travel demand model.
- Continued providing data and technical modeling support for Conformity Determination various transportation projects, including the Regional Transportation Plan, Travel Demand Management, Transportation Improvement Program, subregional studies, TxDOT Option C traffic forecast projects, TxDOT Planning and Environment Linkages

(PEL) studies, TxDOT and local agency corridor planning studies, and the Livable Centers program.

- Collaborated with TxDOT to conduct Commercial Vehicle survey.
- Collaborated with TxDOT to conduct University Survey in Galveston County.
- Continued conducting university surveys in the Houston region.
- Collaborated with METRO to conduct Transit OD onboard survey.
- Updating the regional travel demand model incorporating updated modeling practices and theories, and new travel survey data.
- Coordinated with Eastern Research Group Inc. (ERG) on updating the Spatial Emissions Estimator Tool for MOVES5.
- Continued the enhancement of mapping and plotting techniques for the display and evaluation of transportation tasks using Geographic Information System (GIS).
- Continued travel demand modeling support to various regional and sub-regional transportation studies and projects.
- Utilized GIS to support planning activities of the agency to provide technical support and assistance to member agencies; will continue support as needed.
- Continued GIS and modeling support for the regional conformity analysis through added capacity projects development, highway and transit networks development and coding, and the modeling of the various required scenario year.
- Continued monitoring releases of aggregate socioeconomic data from federal and state agencies and other public and private sources. Maintenance and updates on relevant databases with the provided socioeconomic information as needed.
- Continued collecting and processing planned development projects and plats from multiple sources and integrated with the forecast model data and the Regional Land Use Information System.
- Continue to maintain and update databases such as the model Buildings and model Parcels base year data.
- Continued updates to the population, employment and land use forecast model as needed.
- Conducted multiple workshops for local transportation staff on interactive web mapping tools and applications.
- Developed the new population, employment and land use forecast for the 8-county H-GAC MPO region.
- Web mapping tools were developed and enhanced which provided quick and easy access to socioeconomic data and assisted in regional planning activities. Some of the new applications include Regional Incident Management Dashboard, Regional Economic Indicators, Electric Vehicles Dashboard, 2024 Transportation Mobility Report, Federal Railroad Administration Public At-Grade Crossings, Regional Land Use Information System, and Job-to-Job flows in the Houston Metropolitan Area. Some of the Key updated applications include- Regional Demographic Snapshot, Activity Connectivity Explorer, Regional Crash Data Dashboard, Regional Commute Patterns, and Regional Employment Snapshot.

SUBTASK- ***All activities will be funded by Transportation Planning Funds (TPF) unless noted otherwise.***

Subtask 2.1 Travel Demand Modeling

This subtask involves the continued development, enhancement, and maintenance of the MPO's transportation models in support of transportation planning activities within the H-GAC MPO region. The models encompass regional travel demand models, dynamic meso- and microscopic simulation models, transportation data analysis tools, and other relevant methods. It also involves providing travel demand modeling support for transportation planning activities.

Subtask 2.1.a – Transportation Model Development and Maintenance

This subtask involves the continued development, enhancement, and maintenance of the MPO's transportation models in support of transportation planning activities within the H-GAC MPO region. The models encompass regional travel demand models, dynamic meso- and microscopic simulation models, transportation data analysis tools, and other relevant methods.

- Update the regional travel demand model incorporating updated modeling practices and theories, and new travel survey data.
- Procure and utilize various meso- and microscopic simulation modeling software platforms to provide technical support for regional transportation sub-area and corridor planning studies. The software is utilized to perform the following functions:
    - Model individual vehicles (by type) and pedestrians traveling through a network of freeways, streets, and intersections.
    - Provide travel and delay times, vehicular queues, and other measures of effectiveness.
    - Optimize, simulate, and animate signalized and unsignalized intersections.
- Perform the air quality conformity calculations for the National Ambient Air Quality Standards based on updates or amendments to the transportation plans. Also, calculate emission reductions from CMAQ-funded projects to be used as transportation emission reduction measures for the conformity determination.
- Continuing Travel Demand Modeling Updates in regard to the FIFA World Cup 2026 started during FY 2025 ***(A consultant may be utilized).***
- ***Consultant services will be utilized*** to assist in travel demand model development. The services include:
    - Travel Demand Model Update support
    - Freight Model Development support, Travel Demand Model
    - Activity-Based Model Enhancement support
    - Transit Onboard Origin and Destination Survey
    - SEE/Tool, Conformity AQ modeling support
    - Regional Transportation Models and Tools (STBG/TDC)

Subtask 2.1.b – Transportation Modeling Support

This subtask involves providing travel demand modeling support for transportation planning activities. It also includes developing dynamic traffic simulations for sub-regional studies.

- Transportation modeling support for transportation planning activities to include regional transportation plan, call for projects, project prioritization, city and county

thoroughfare plans, congestion management study, travel demand management study, multimodal study, transit-oriented development (TOD) study, traffic impact study transportation safety study, access management study, air quality conformity, transportation planning and environment linkages study (PEL), environmental study, evacuation study, corridor planning study, subregional mobility study, feasibility study, scenario planning study, travel pattern study, interstate access justification report (IAJR) traffic projection forecast, toll revenue study, project benefit cost analysis, economic impact analysis, active transportation study, livable center study, and related activities.

- Provide technical and analytical support to regional transportation agencies, local governments, and their consultants in support of regional transportation planning activities and studies.

Subtask 2.2 Transportation Data Subtask Development and GIS Support

This subtask includes Geographic Information System (GIS) based mapping, maintenance, and analysis. Data development, maintenance, and training activities associated with transportation-related data.

Subtask 2.2.a – Transportation Data Development and GIS Support

This subtask includes Geographic Information System (GIS) based mapping, maintenance, and analysis. Data development, maintenance, and training activities associated with transportation-related data.

- Maintain, refine, and enhance the data required to operate the travel demand models, including the road network, segment nodes, and traffic analysis zones (TAZ) for current-year and various forecasted networks.
- Coordinate and conduct travel surveys and traffic data collections to update, validate, and calibrate travel demand models. Traffic data includes count, speed, mode split, and travel patterns.
- The collection of data through a Regional Travel Survey of Universities and Colleges***. A consultant my be utilized*** in the collection and analysis of data. (STBG/TDC)
- Provide cartographic materials in support of regional transportation planning activities and studies.
- Develop emission inventories for criteria pollutants to be included in the air quality state implementation plans for the region.

Subtask 2.3 Socioeconomic Data and Models

Development of socioeconomic data and socioeconomic forecasting models, along with informational services and analytical support of Transportation planning activities and studies.

Subtask 2.3.a – Socioeconomic Data

This subtask includes collecting, processing and managing socioeconomic, demographic and real estate data from various local, state and federal sources.

- Monitor aggregate socioeconomic data from federal and state agencies, and other public and private sources. Incorporate, update, and maintain H-GAC databases.
- Research, obtain, and process information in the region to include location, timing, and details of planned development projects. Maintain and update databases as needed.

- Research, obtain, process, and synthesize disaggregate regional data to include information on parcels, buildings, businesses, and households. Maintain and update databases as needed.

Subtask 2.3.b – Socioeconomic Models

This subtask includes managing operational version of the demographic, economic and land use forecast model. It also includes providing modeling support to regional and sub-regional transportation planning studies.

- Maintain and run the existing operational version of the demographic, economic and land use forecasting model.
- Improve and enhance the model's reliability through scheduled updates of population, employment, and land use forecasts.
- Provide scenario-based modeling support for sub-regional and corridor transportation planning studies, incorporating population, employment, and land use changes.

Subtask 2.3.c – Information Services and Analytical Support

This subtask includes developing and enhancing web-based mapping applications/tools in support of transportation planning activities. It also includes providing technical and analytical support to various transportation programs.

- Improve and enhance the existing web-based mapping and database query applications allowing easy access to socioeconomic data by transportation partners and public.
- Develop new web mapping applications in support of transportation planning activities.
- Provide informational services and analytical support to regional transportation agencies, local governments, and their consultants in support of regional transportation planning activities and studies.

Consultant/Contractor Activities

Task/Subtask	*Activity/Project*	*Status*	*Activity Type*	*Funding Source*
2/2.1.a	Travel Demand Model Update support	Ongoing	Contract Services	TPF
2/2.1.a	Freight Model Development Support	Ongoing	Contract Services	TPF
2/2.1.a	Activity Based Model Enhancement Support	Ongoing	Contract Services	TPF
2/2.1.a	Transit Onboard Origin Destination Survey	Carryover	Consultant	TPF
2/2.1.a	SEE/Tool, Conformity Support	Ongoing	Contract Services	TPF
2/2.1.a	Regional Transportation Models and Tools	Ongoing	Consultant	STBG/TDC
2/2.1.a	FIFA WC Activities	Ongoing	Consultant	TPF
2/2.2.a	Regional Travel Surveys	Carryover	Consultant	STBG/TDC

Task Schedule:

Task 2	Project	Responsible Agency	Start Date	End Date	% Complete (as of Oct 31, 2026)	Product/Deliverable
2.1	FY26 DAR Travel Demand Modeling	MPO Staff / Consultant	2025-10-01	2026-09-30	10%	Validate and Calibrate Travel demand model; Develop and maintain travel demand modeling tools and explore advanced practice modeling methods; Provide travel demand modeling support for The MPO and Regional Transportating Planning studies;
2.2	FY26 DAR Transportation Data Development & GIS Support	MPO Staff	2025-10-01	2026-09-30	10%	Participate in data collection efforts in the region to advance the sharing of roadway inventory data and candidate roadway project information between various transportation agencies; GIS Support;
2.3	FY26 DAR Socioeconomic Data & Models	MPO Staff	2025-10-01	2026-09-30	10%	Updated Socioeconomic data, Enhanced Regional Growth Forecast Model and Inputs, New land Updated Interactive Webmapping Applications/Tools/Dashboards in support of Transportation Planning.

FUNDING SUMMARY

Table 2a: Task 2 – FY 2026Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[5]	STBG	Other Federal/State Funds	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[6]
2.1	MPO	$ 2,682,864.20	$ 2,715,000.00	$ 0	$ 0	$ 5,397,864.20	$ 0
2.2	MPO	$ 1,005,313.00	$ 713,411.00	$ 0	$ 0	$ 1,718,724.00	$ 0
2.3	MPO	$ 1,971,136.00	$ 0	$ 0	$ 0	$ 1,971,136.00	$ 0
	Total	**$ 5,659,313.20**	**$3,428,411.00**	**$ 0**	**$ 0**	**$ 9,087,724.00**	**$ 0**

Table 2b: Task 2 – FY 2027 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[7]	STBG	Other Federal/State Funds	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[8]
2.1	MPO	$ 2,223,630.00	$ 2,750,000.00	$ 0	$ 0	$ 5,099,325.00	$ 0
2.2	MPO	$ 1,143,542.00	$ 0	$ 0	$ 0	$ 1,143,542.00	$ 0
2.3	MPO	$ 2,205,574.00	$ 0	$ 0	$ 0	$ 2,205,574.00	$ 0
	Total	**$ 5,572,746.00**	**$2,750,000.00**	**$ 0**	**$ 0**	**$ 8,448,441.00**	**$ 0**

[5] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[6] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.
[7] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[8] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.

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TASK 3 - SHORT RANGE PLANNING

Short-range planning efforts will be focused on the continued coordination and development of Transportation Improvement Program (TIP) and 10-year project list, implementation of the Transportation Policy Council's Project Selection Process, transit operations planning, air quality planning and transportation conformity, and evacuation planning for hurricanes and other major disruptions.

OBJECTIVE

The following key objectives summarize the main activities that the MPO will undertake to complete the requirements of Task Three during the term of this Unified Planning Work Program

- Develop and maintain the Transportation Improvement Program (TIP).
- Analyze proposed amendments to the current TIP for air quality conformity implications, financial impact, and other regional impacts.
- Develop and maintain a 10-year program of transportation projects.
- Re-assess and modify the project selection process including submission requirements, readiness determination, timing, benefit-cost analysis, and project evaluation criteria.
- Analyze projects submitted in the project selection process and evaluate them for consistency with the regional transportation plan.
- Conduct meetings and workshops for the local project sponsors to advise them on the project selection requirements.
- Coordination with TxDOT regarding statewide project evaluation and selection processes.
- Develop a new online project information database to allow for enhanced project tracking, access by member agencies, and a public facing website to provide project information.
- Provide technical support for the existing database system.
- Maintain and update the 2022-2026 Regionally Coordinated Transportation Plan (RCTP) as needed.
- Provide planning and coordination support to the region for recommendations resulting from the RCTP including but not limited to, Mobility Links, Regional Bus, Regional Fare Integration, and Regional Trip Planner.
- Plan and develop a transit information system and best practices guide to address information gaps identified in the Regional Public Transportation Coordination Plan by making it easier for people to learn about the transit and transportation options available to them and the information they need to use those services.
- Support coordination between human services and public transportation agencies to address the gaps and recommendations in the RCTP.
- Support planning projects performed by transit providers using FTA 5307 funds.
- Provide coordination and planning support for transit recommendations resulting from regional plans, and requirements related to federal funding programs including, but not limited to FTA 5307, 5310, and 5311 formula funding.
- Collect data and coordinate with regional transit agencies to develop targets for Transit Asset Management. These targets and their related plans help ensure transit remains

dependable, safe and accessible.

- Provide support to H-GAC and MPO advisory committees and subcommittees such as the Regional Air Quality Planning Committee (RAQPAC) and Transportation Air Quality Subcommittee.
- Annually update air quality focused public reports including the Air Quality Initiatives Report and the PM2.5 Advance Path Forward Plan. Post final reports to the H-GAC website and report the results to state and federal partners as needed.
- Develop, coordinate, and participate in responses to state and federal air quality plans and new regulations affecting the region.
- Support the development of materials for the Texas State Implementation Plan.
- Review the current state of emission calculation methodologies.
- Work with conformity consultation partners to prepare for, develop, and publish materials to support conformity determinations throughout the process.
- Develop and coordinate transportation conformity analyses for the Houston-Galveston-Brazoria nonattainment area as needed.
- Understand the current state of emissions reductions methodologies used by MPOs.
- Identify and assess expected effectiveness of emission reduction strategies, programs, and options.
- Prepare for any new federal or state requirements to report, track, develop projections, or develop targets or performance measures.
- Produce and maintain Hurricane Evacuation Zone Map known as Hurricane Evacuation Zip-Zone Map.
- Public Education on Hurricane Preparedness.
- Coordinate with State and Local governments before, during and after hurricane evacuations.

EXPECTED PRODUCTS

Expected products of Task III include a wide variety of technical reports and documentation summarizing the findings of various transportation planning efforts, activities such as public meetings and committee meetings, and reports summarizing implementation of activities undertaken by the MPO that relate to or may influence transportation planning.

PREVIOUS WORK

- Processed amendments to the 2025-2028 Transportation Improvement Program (TIP).
- Completed multiple categories of project selection.
- Conducted training workshops for project sponsors on the benefit-cost analysis portion of the project selection process.
- Prepare emissions estimates and reporting documentation to support performance measure reporting as needed. This should include but may not be limited to federal CMAQ Performance Measures
- Participated in local and statewide air quality planning committees. This included the Texas Clean Air Working Group (TCAWG), the Transportation Working Group (TWG), Greater Houston Partnership Houston Energy Transition Initiative Advisory Board,

Greater Houston Partnership Sustainability Subcommittee, and the World Cup Sustainability Subcommittee.
- Hosted two TCEQ hearings by request
- Produced Climate Pollution Reduction Grant Funded Climate Corner articles in the H-GAC Newsletter.
- Developed conformity materials to support MPO activities related to the 2025-2028 Transportation Improvement Program (TIP) and the 2045 Regional Transportation Plan (RTP) Update. These are ongoing activities with an anticipated completion date in Q2 FY2026.
- Worked to develop transportation conformity materials, including, convening the conformity consultation partners either individually or in masse to gather information and feedback related to transportation conformity development.
- Updated Hurricane Evacuation Route and Zip Zone Maps and distributed them throughout the Region.
- Provided Hurricane Evacuation Route Map and Hurricane Evacuation Zip-Zone Map support to local government agencies.

SUBTASK- ***All activities will be funded by Transportation Planning Funds (TPF) unless noted otherwise.***

Subtask 3.1 Transportation Project Programming

As the MPO, H-GAC is responsible for the coordination and programming of federal and state transportation funds allocated to the region with the state, providers of public transportation and local governments. In addition, H-GAC plans and programs include all regionally significant transportation investments, regardless of funding source.

Subtask 3.1.a – Transportation Improvement Program

The Transportation Improvement Program (TIP) is a cooperatively developed, four-year program outlining transit, highway, and traffic improvements, as well as other transportation and air quality-related activities within the MPO planning area. The purpose of the TIP is to inform the public regarding the commitment of funds to implement transportation improvement projects, including those selected by the TPC. The TIP must be consistent with the Regional Transportation Plan, conform to adopted vehicle emissions reduction targets, and be financially constrained within reasonable estimates of federal, state, and local revenues for the four-year time frame.

- Develop and maintain the Transportation Improvement program in the Fiscal Years 2027-2030.
- Analyze proposed amendments to the current TIP for transportation air quality conformity implications, financial impact, and administrative impacts to ensure consistency of the TIP with federal and state requirements and minimal risk to regional funding allocations.
- Develop and maintain a 10-year program of transportation projects.
- Complete the ongoing project selection process for the remaining investment categories.
- Analyze projects submitted in the project selection process and evaluating for consistency with the regional transportation plan.

- Conduct meetings and workshops for the local project sponsors on the project selection requirements.
- Re-assess and prepare recommendations for next project selection process including submission requirements, readiness determination, timing, benefit-cost analysis, and project evaluation criteria.

Subtask 3.1.b – Project Evaluation and Prioritization

The MPO works with the state and project sponsors to consider project funding requests using evaluation criteria developed through the coordinated planning process. This includes consideration of project benefits using quantitative analysis and qualitative factors, anticipated project costs, and the suitability and readiness of projects to be successfully delivered under federal and state requirements.

- Re-assess and modify the project selection process including submission requirements, readiness determination, timing, benefit-cost analysis, and project evaluation criteria.
- Conduct meetings and workshops for the local project sponsors to advise them on the project selection requirements.
- Complete project evaluation and ranking submitted projects in the remaining two categories for 2027-2030 TIP.

Subtask 3.1.c – Project Information and Transparency

As the MPO, H-GAC maintains a database of project information to support production of TIP, Ten-Year Plan and RTP documentation and to track the progress of projects from planning to implementation.

- ***A consultant or software vendor may be used*** to develop a new online project information database to allow for enhanced project tracking, access by member agencies, and a public facing website to provide project information.
- ***A consultant will be used*** to provide technical support for the existing database system.

Subtask 3.2 Planning Support for Transit Service Implementation

The MPO provides a forum for coordination between the providers of public transportation within the region and the development of new and expanded transit services. These short-term focused efforts assist transit providers and local government partners in their implementation of priorities established in the Regional Transportation Plan and other regional transit planning products. This subtask includes the identification of eligible planning activities performed by transit providers using Urbanized Area (5307) federal transit formula funds.

Subtask 3.2.a – Transit Coordinated Planning (TPF)

The purpose of transit and human service coordinated planning is to provide more efficient and effective public transportation services, especially for priority populations including seniors (65 and older), persons with disabilities, persons with low incomes, veterans, youth, and others. This effort includes developing, adopting, implementing, and updating a coordinated public transit/human services plan as well as assessing progress of activities called for in the plan. The coordinated plan provides strategies for meeting the public's transportation needs and prioritizes transportation services for funding and implementation. ***(Consultants may be utilized to conduct the objectives below)***.

- Maintain and update the 2022-2026 Regionally Coordinated Transportation Plan (RCTP) to continue to identify, analyze needs, gaps, and inefficiencies in regional human service and public transportation to refine recommendations for improvements and better coordination.
- Conduct the 2027-2031 Regionally Coordinated Transportation Plan (RTCP) ***(a consultant may be utilized).***
- Provide planning and coordination support to the region for recommendations resulting from the RCTP, including but not limited to, Mobility Links, Regional Bus, Regional Fare Integration, and Regional Trip Planner.
- Continue activities related to the Regional Transit Seamless Fare Collection System Project with METRO by providing planning assistance to support the needs of the regional partners for the implementation of the seamless fare system regionwide. ***(A consultant may be utilized)***
- Conduct as well as provide planning and coordinated support for a Regional Transit Information study ***(a consultant may be utilized)*** (FTA 5304).
- Conduct Regional Bus Expansion Study within the region ***(a consultant may be utilized)*** (STBG/TDCs) (FTA 5304).
- Plan and develop a transit information system and best practices guide to address information gaps identified in the Regionally Coordination Transportation Plan by making it easier for people to learn about the transit and transportation options available to them and the information they need to use those services.
- Support coordination between human services and public transportation agencies to address the gaps and recommendations in the RCTP.

Subtask 3.2.b – Regional Transit Agency Coordination

The MPO supports designated recipients of FTA formula funds in their annual development of programs of projects. Staff serves as a resource for evaluation of projects for distribution of funding and assists, as needed, on planning efforts.

- Support planning projects performed by transit providers using FTA 5307 funds. Eligible project activities include, but are not limited to, system planning, project planning and preliminary engineering, maintenance plans, asset management plans, safety plans, and management and operation studies.
- Provide coordination and planning support for transit recommendations resulting from regional plans, and requirements related to federal funding programs including, but not limited to FTA 5307, 5310, and 5311 formula funding.
- Collect data and coordinate with regional transit agencies to develop targets for Transit Asset Management. These targets and their related plans help ensures transit remains reliable, safe and accessible.

Subtask 3.3 Air Quality Planning

Air Quality Planning supports all regional efforts to comply with federal air quality standards, while seeking to preserve the region's transportation needs and economic vitality. The MPO works closely with federal, state, and local officials, planning and regulatory agencies, and area stakeholders to develop on-road mobile emission budgets and emission reduction strategies to demonstrate attainment, model transportation conformity, and monitor and track TCMs,

State Implementation Plan (SIP) weight of evidence measures, and VMEPs. Some of these measures when needed are included in the on-road emission inventories for the Reasonable Further Progress State Implementation Plan (SIP) and for the Attainment Demonstration SIP. H-GAC provides support and guidance for regional congestion mitigation and air quality improvement programs for compliance with the SIP and federal clean air requirements. All tasks will be funded by Transportation Planning Funds (TPF) unless it is noted otherwise.

Subtask 3.3.a – Air Quality Planning (TPF, UEPA, & TCEQ Funding)

Air Quality Planning supports all regional efforts to comply with federal air quality standards, while seeking to preserve the region's transportation needs and economic vitality. The MPO works closely with federal, state, and local officials, planning and regulatory agencies, and area stakeholders to develop on-road mobile emission budgets and emission reduction strategies to demonstrate attainment, and monitor and track TCMs, SIP weight of evidence measures, and VMEPs. Some of these measures when needed are included in the on-road emission inventories for the Reasonable Further Progress State Implementation Plan (SIP) and for the Attainment Demonstration SIP. H-GAC provides support and guidance for regional congestion mitigation and air quality improvement programs for compliance with the SIP and federal clean air requirements.

- Provide support to H-GAC and MPO advisory committees and subcommittees such as the Regional Air Quality Planning Committee (RAQPAC) and Transportation Air Quality Subcommittee.
- Provide information and research regarding current regional air quality issues and make recommendations to committee members, the H-GAC Board of Directors, and the Transportation Policy Council, as necessary.
- Provide coordination, participation, and expertise to local and statewide air quality planning committees.
- Update air quality focused public information. This may include the Air Quality Initiatives Report, the PM2.5 Advance Path Forward Plan, and other information regarding the state of air quality within the MPO service area. Ensure that reports and digital tools presenting this information are made available on the H-GAC website and report the results to state and federal partners as needed.
- Implement the Ryder 7, PM 2.5 project using state funds (**a consultant my be utilized)** (TCEQ).
- Host or provide training, technical workshops, and public outreach for air quality related topics. Training may include technical training on new EPA emissions models and federal air quality standards. Public outreach activities such as podcasts, webinars, workshops, and newsletters, will be conducted to educate stakeholders and the public on regional air quality issues.
- Plan and host an annual regional air quality summit. This event will bring together stakeholders to discuss current issues in regional air quality and work to find solutions to regional air quality concerns.
- Review, develop, coordinate, and participate in responses to state and federal air quality plans and new regulations affecting the region. Examine legal and sanction ramifications regarding different air quality standards for the region.
- Support the development of materials for the Texas State Implementation Plan as warranted to address plans to meet federal air quality standards. This could include

working directly in dialog with staff from the Texas Commission on Environmental Quality (TCEQ) as well as with H-GAC advisory committees and subcommittees to develop and advise on local project selection ***(a consultant may be utilized)*** (TPF/TCEQ).

- Develop an online regional air quality information hub for the MPO service area. This initiative will work to enhance the accessibility and usability of air quality data for residents and stakeholders in H-GAC MPO region. It will utilize interactive mapping technology to provide real-time and historical air quality data sourced from a variety of sources and provide tools to stakeholders to better understand regional air quality.
- Develop and implement a regional air quality marketing and outreach campaign to support emission reduction activities in the MPO service region ***(a consultant may be utilized)*** (UEPA-CPRG)***.***
- Conduct an evaluation of the regional air quality program, including but not limited to conducting focus groups, a national best practices scan, program benchmarking and a plan review to develop recommendations for improving the program and maximizing its impact on the region. This will help with future development of a regional emission reduction strategies ***(a consultant may be utilized).***
- Participation in local and statewide air quality planning committees. This could include the Texas Clean Air Working Group (TCAWG), the Transportation Working Group (TWG), Greater Houston Partnership Houston Energy Transition Initiative Advisory Board, Greater Houston Partnership Sustainability Subcommittee, World Cup Sustainability Subcommittee, and others as needed.
- Participation in the Climate Pollution Reduction Grants (CPRG) program and with local governments in the eight-county region (UEPA); including planning activities and air quality and outreach campaign.

Subtask 3.3.b – Air Quality Conformity

As part of requirements under the Clean Air Act the MPO is required to develop a regional transportation conformity determination on the current Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP). This conformity determination is approved by the Transportation Policy Council prior to submitting recommendations to the US Department of Transportation for independent review and a final federal-level conformity determination. This process is mandated for nonattainment areas such as the eight county Metropolitan Planning Area and ensures the continued availability of federal transportation projects, programs, and policies consistent with regional air quality goals.

- Exchange knowledge and conformity status with other MPOs and statewide stakeholders on a regular basis.
- Work with conformity consultation partners to prepare for, develop, and publish materials to support conformity determinations throughout the process.
- Data Analytics & Research staff will ensure satisfactory development and delivery of air quality modeling results.
- Develop and coordinate transportation conformity analyses for the Houston-Galveston-Brazoria nonattainment area as needed.

Subtask 3.3.c – Emissions Reductions Planning

The Metropolitan Planning Area has been in nonattainment for the National Ambient Air Quality Standard for ozone since the standard's inception. To ensure that the area makes

progress towards meeting this standard and other pollutants of concern, it is necessary to track, study, and develop policies and control strategies to reduce emissions within the eight counties.

- Review the current state of emissions reductions methodologies used by State Departments of Transportation and MPOs to assess and report on CMAQ projects. Based on these findings, work with staff and advisory committee members to determine the most appropriate methodology for all types of federally funded emission reduction projects ***(a consultant may be utilized).***
- Work with staff from the Data Analytics & Research department to incorporate emission reduction methodologies into a planned sketch planning tool.
- Identify and assess the effectiveness of a wide variety of emission reduction strategies, programs, and options that are applicable to the MPO service region. Identify emission reduction benefits and co-benefits for the chosen strategies. Present results to regional stakeholders in the form of a menu of implementation strategies that can be implemented by local stakeholders to improve regional air quality. Results should highlight economic and workforce development benefits in the 8-county region ***(a consultant may be utilized).***
- Review and update regional pollutant inventories for the 8-county region MPO service area. These will include efforts to identify the primary sectors that contribute regionally to a variety of pollutants as well as a total inventory for the region by sector. The inventories may be utilized for reporting purposes, and to evaluate, select, and prioritize emissions reduction measures, programs, and projects within the MPO region. A summary report of these findings will be developed and distributed ***(a consultant may be utilized)***.
- Prepare materials and documentation to support any federal or state requirements to report, track, develop projections, or develop targets or performance measures for emissions reductions. Work within H-GAC to develop targets and reporting as needed for existing or new performance measures.

Subtask 3.4 Evacuation Planning

The massive evacuation from the Houston metropolitan area in response to Hurricane Rita brought into sharp focus the difficulties in evacuating the metropolitan region efficiently and safely. Past planning activities have focused on traffic operations, communications, and logistics. Operational improvements have focused on accident detection and management, changes in transit vehicle routing and scheduling, the elimination of bottlenecks at specific intersections and contra- flow lane operations. Current activities have included improving communications with the public and within the emergency response community.

Subtask 3.4.a – Regional Evacuation Planning

This subtask supports the Evacuation Planning, Public Outreach for Hurricane Preparedness and coordination with state and local agencies on Hurricane Evacuation.

- Produce and maintain Hurricane Evacuation Maps for the region.
- Produce and maintain Hurricane Evacuation Zone Map known as Hurricane Evacuation Zip-Zone Map.
- Provide public education on hurricane preparedness.
- Coordinate with State and Local governments before, during and after hurricane

evacuations.

Consultant/Contractor Activities

Task/Subtask	*Activity/Project*	*Status*	*Activity Type*	*Funding Source*
3/3.1.c	Online project Information database & Public facing website	Ongoing	Consultant	TPF
3/3.1.c	Technical Support for Existing Software	Ongoing	Consultant	TPF
3/3.2.a	RCTP Plan Update	New	Consultant	TPF
3/3.2.a	Transit Information Study	New	Consultant	TPF/FTA 5304
3/3.2.a	Regional Bus Expansion Study	New	Consultant	STBG/FTA 5304
3/3.2.a	Regional Fares Planning Support	Ongoing	Staff/Consultant	TPF
3/3.3.a	Texas SIP-Local Project Selection	Ongoing	Consultant	TPF/TCEQ
3/3.3.a	Air Quality & Outreach Campaign	Carryover	Consultant	TPF/UEPA (CPRG)
3/3.3.a	Regional Air Quality Program Evaluation	New	Consultant	TPF
3/3.3.a	Ryder 7, PM 2.5 study	New	Consultant	TCEQ
3/3.3.c	Emissions Reduction Methodologies	New	Consultant	TPF
3/3.3.c	Emissions Reduction Strategies	New	Consultant	TPF
3/3.3.c	Regional Pollutant Inventories	New	Consultant	TPF

FUNDING SUMMARY

Table 3a: Task 3 – FY 2026 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[9]	STBG	Other Federal /State Funds (TCEQ, UEPA, FTA 5304)	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[10]
3.1	MPO	$ 814,968.00	$ 0	$ 0	$ 0	$ 814,968.00	$ 0
3.2	MPO	$ 614,765.00	$ 200,000.00	$ 394,694.00	$ 0	$ 1,209,459.00	$ 0
3.3	MPO	$ 1,071,285.00	$ 0	$ 184,500.00	$ 0	$ 1,255,785.00	$ 0
3.4	MPO	$ 67,170.00	$ 0	$ 0	$ 0	$ 67,170.00	$ 0
	Total	**$ 2,568,188.00**	**$ 200,000.00**	**$ 579,194.00**	**$ 0**	**$ 3,347,382.00**	**$ 0**

Table 3b: Task 3 – FY 2027 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[11]	STBG	Other Federal /State Funds (TCEQ, UEPA,FTA 5304)	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[12]
3.1	MPO	$ 786,903.00	$ 0	$ 0	$ 0	$ 786,903.00	$ 0
3.2	MPO	$ 182,307.00	$ 200,000.00	$ 394,694.00	$ 0	$ 777,001.00	$ 0
3.3	MPO	$ 578,040.00	$ 0	$ 0	$ 0	$ 578,040.00	$ 0
3.4	MPO	$ 68,734.00	$ 0	$ 0	$ 0	$ 68,734.00	$ 0
	Total	**$ 1,615,984.00**	**$ 200,000.00**	**$ 394,694.00**	**$ 0**	**$2,210,678.00**	**$ 0**

[9] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[10] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.
[11] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[12] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.

Task Schedule:

Task 3	Project	Responsible Agency	Start Date	End Date	% Complete (as of Oct 31, 2026)	Product/Deliverable
3.1	FY26 Transportation Project Programming / TIP	MPO Staff/Consultant	2025-10-01	2026-09-30		
3.2	FY26 Planning Support for Transit Service Implementation	MPO Staff/Consultant	2025-10-01	2027-09-30	0%	Support regional transit planning and coordination with the Regional Public Transportation Coordinated Plan, Transit Information Study, Regional Bus Study, and Regional Fares Palnning support. Coordinate regiular Regional Transit Subcommittee meetings.
3.3	FY26 Air Quality Planning	MPO Staff/Consultant	2025-10-01	2027-09-30	5%	Air quality committee support, information and recommendations related to regional air quality issues, transportation conformity, TCEQ Rider 7 Program, develop and host regional air quality summit, provide air quality related support to MPO stakeholders, support development of the Texas State Implementation Plan, regional air quality emission hub, air quality marketing and outreach campaign, evaluate regional air quality program, participate in air quality planning organizations.
3.4	FY26 Evacuation Planning	MPO Staff	2025-10-01	2027-09-30	0%	Ongoing effort to coordinate with regional emergency operational agencies to update maps and evacuation routes.

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TASK 4 - METROPOLITAN TRANSPORTATION PLAN

The work elements contained in Task IV describe long-range planning for development and maintenance of a Regional Transportation Plan (RTP), which includes all regional and subregional long-range planning activities, reflecting the needs-based planning activities of urban, suburban, and rural communities. These activities include identifying and addressing transportation needs in high-growth areas.

OBJECTIVE

The following key objectives summarize the main activities that the MPO will undertake to complete the requirements of Task IV during the term of this Unified Planning Work Program:

- RTP Subcommittee support and facilitation
- Amend the RTP as necessary
- Fully implement process to add projects to the RTP (Project Development Process)
- Develop and maintain an RTP Future Project List
- Analyze and gather data points from current financial reports to develop projections
- Provide planning assistance to TxDOT and local governments for pre-environmental and environmental analyses related to proposed projects.
- Maintain the Eco-Logical Environmental Screening tool.
- Coordinate with the State and local governments to update thoroughfare plans.
- Conduct consultant contract management and oversight activities for active thoroughfare studies.
- Support state level planning efforts as needed.
- Support and facilitate local level collaboration such as the Greater Houston Freight Committee and the Houston Area Rail Transformation (HART) Working Group.
- Develop a regional freight clearing house and database.
- Develop and conduct a freight educational outreach effort.
- Monitor and update the Critical Urban Freight Corridors and work with partners to identify deficiencies on the network and potential projects.
- Develop sub-regional local area plans with continued emphasis on multimodal system analyses, alternative land use, and transportation system development scenarios, safety, and security related projects, goods movement, and regional public transportation need.
- Gather and analyze data, determine trends, and develop performance measure targets across all the required federal performance areas.
- Coordinate with TxDOT, local governments, and providers of public transportation to collect data for evaluating and setting regional target values.
- Coordinate with the statewide performance measure work group on best practices for developing and monitoring system performance.
- Provide planning support to refine and expand transit in the region.
- Collect and maintain transit data (ridership, service network) to support regional planning efforts.
- Utilize Online engagement tools/platforms/software (Multiple Subtasks)
- Create a toolbox of best practices for designing, funding, and building active

transportation infrastructure.
- Provide planning support for implementation of Safe Routes to School (SRTS) best practices in the region.
- Provide technical support for regional, local area, corridor, and site specific SRTS plans.
- Collect and share data related to active transportation activity.
- Provide support and coordination for regional bike month activities.
- Conduct and support the activities of the Pedestrian/Bicyclist Subcommittee of the TAC, including related workgroups.
- Provide regular trainings on active transportation counters and related data collection and reporting for staff and the community within the region.
- Support active transportation components of regional safety campaigns including safety education for motorists, adult bicyclists, and bicycle safety for children.
- Share resources on best practices for local governments and other transportation Agencies.

EXPECTED PRODUCTS

Expected products of Task IV include a wide variety of technical reports and documentation summarizing the findings of various transportation planning efforts, activities such as public meetings and committee meetings, and reports summarizing implementation of activities undertaken by the MPO that relate to or may influence transportation planning.

PREVIOUS WORK

- Finalized contract agreements with TxDOT, the consultant and interlocal agreements with local sponsors/partners.
- Completed the Chambers County Thoroughfare Plan.
- Completed Old Sixth Ward/TIRZ Mobility Plan.
- Completed Pearland Mobility Plan.
- RTP Subcommittee support and facilitation.
- Served as a resource for planning partners, counties, subrecipients, etc. in meeting Title VI requirements.
- Coordinated with the State and local governments to update thoroughfare plans which included a review of existing thoroughfare plans and associated policies.
- Conducted consultant contract management and oversight activities for active thoroughfare studies.
- Supported state level planning efforts such as freight parking, freight mobility hubs and other efforts such as the Texas Freight Advisory Committee meetings and other state-level efforts as needed.
- Supported and facilitated local level collaboration such as the Greater Houston Freight Committee and the Houston Area Rail Transformation (HART) Working Group.
- Gathered and analyzed data, determine trends, and develop performance measure targets across all the required federal performance areas.
- Coordinated with TxDOT, local governments, and providers of public transportation to collect data for evaluating and setting regional target values.

- Updated federal performance measure targets for Transit Asset Management, safety, and the System Performance (PM3) measures.
- Updated system performance reports to be included in the TIP and RTP.
- Updated performance measures webpage and scorecards.
- Provided planning support to refine and expand transit to improve quality and connectivity in public transportation in the region.
- Completed transit needs assessment of the City of Dayton and Feasibility Study.
- Completed a Master Trails Plan for the City of Friendswood.
- Completed the Bicycle-Pedestrian Safety Plan for the Houston Bay Area.
- Provided support and coordination for regional bike month activities, with MPO staff providing input and expertise to outreach staff relating to plans, stakeholders, and activities.

SUBTASK- ***All activities will be funded by Transportation Planning Funds (TPF) unless noted otherwise.***

Complete Streets: Complete Street activities include regional multimodal connections through bicycle/pedestrian planning (e.g. local active transportation plans and the regional active transportation plan take complete streets into consideration), safety (e.g. complete streets are one of many considerations to reduce non-motorized fatalities and serious injuries), RTP weaves complete streets components into the holistic transportation system through visioning, goals, illustrative project list, and a narrative focus on bicycle, pedestrian, and transit modes of travel), and resiliency (e.g. flooding/inundation impacts to transit and pedestrian/bicycle include some complete streets components).

Complete Streets set aside includes sub-regional connections through thoroughfare planning, a long-range plan that identifies and preserves public right-of-way to meet the needs of projected future growth and anticipated transportation system demands. As cities and counties develop within our region, thoroughfare plans are used to ensure right-of-way preserved to build roadway facilities to safely accommodate various modes of transportation. These facilities may include sidewalks, bike lanes, dedicated transit or freight lanes, which ultimately results in creating complete streets.

Mobility Plans provide comprehensive guidance for local jurisdictions on how to develop a transportation network that addresses local mobility issues and needs. Mobility plans provide a list of project recommendations that may identify local complete streets projects.

Subtask 4.1 Regional Transportation Plan and Project Planning

The following subtasks describe the activities related to the Regional Transportation Plan and project planning. All tasks will be funded by Transportation Planning Funds (TPF) unless noted otherwise.

Subtask 4.1.a – Regional Transportation Plan (RTP) Development

As the designated MPO for the region, H-GAC is responsible for developing and maintaining a long-range transportation plan that establishes goals and objectives, articulates priority areas of investment, and coordinates local and state efforts to improve the performance of the regional

transportation system.

- RTP Subcommittee support and facilitation monthly.
- Amend the RTP as necessary by monitoring changes to planning and project assumptions. Survey and poll to be conducted that will be used to support the updating of the RTP ***(a consultant may be utilized).***
- Fully implement a process to add projects to the RTP guided by the RTP Subcommittee and aligns with the RTP's vision, and goals; comply with transportation air quality conformity development with regional air quality goals; and are fiscally constrained per federal requirements.
- Determine methodology to create a needs analysis base map for identifying needs and evaluating current and future system performance and investment effectiveness of current and future RTP projects as well as identify new opportunities for project development in preparation for next RTP Update, including housing and land use ***(a consultant may be utilized).***
- Develop and maintain an RTP Future Project List or an illustrative list of unfunded projects and programs that could be implemented if funding becomes available including recommendations resulting from planning studies, RTP Scenario Planning and Needs Analysis Base Map ***(a consultant may be utilized).***
- Perform a continuous public engagement to incorporate feedback into 2050 RTP analyses.

Subtask 4.1.b – Financial Planning

The MPO undertakes several efforts to understand federal state and local investment in transportation and to support the development of financially constrained plans and programs. This includes the development of financial models and the study of specific revenue measures and financing strategies to inform regional and local decision-making.

- Financial Model Update and Automation -analyze and gather data points from current financial reports to develop projections for reasonable future revenue streams dedicated to transportation in the region; update and automate the financial model ***(a consultant may be utilized).***

Subtask 4.1.c – Project Development and Mitigation Planning

The MPO supports the sponsor evaluation of project alternatives during the planning and environmental review stages of project development to ensure consistency with the RTP and consider regional approaches to the mitigation of impacts.

- Provide planning assistance to TxDOT and local governments with the development of pre-environmental and environmental analyses related to proposed projects.
- Support the enhancement of transportation planning and environmental linkages (work will not include any project engineering and design).
- Maintain and update as necessary the Eco-Logical Environmental Screening tool.

Subtask 4.2 Multimodal System Planning

The following subtasks addresses thoroughfare, freight, and sub-regional planning activities.

Subtask 4.2.a – Thoroughfare Planning

A Thoroughfare Plan is a long-range plan (0-50+ years) that works to identify and preserve

public right-of-way to meet the needs of projected future growth and anticipated transportation-system demands. The Thoroughfare Plan is not a list of road construction projects but rather a guide that assures an adequate future transportation network that works to move people, goods, and services in an optimal and efficient manner through adequate right-of-way dedication. The plan promotes region-wide consistency and continuation of arterial street alignments and function between jurisdictions. The Plan assists local governments with thoroughfare planning coordination on facilities that have inter-jurisdictional and regional significance. ***Consultant(s) may be utilized*** to assist with the following studies below.

- Coordinate with the State and local governments to update thoroughfare plans which includes a review of existing thoroughfare plans and associated policies. Establish a schedule for regularly updating county-level plans.
- Encourage plan implementation through education workshops for local governments during the 2026-2027 two-year period.
- Establish and maintain online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the region to increase regional residents' participation.
- Develop subregional local area plans with continued emphasis on multimodal system analyses, alternative land uses, transportation system development scenarios, safety related projects, goods movement, and regional public transportation needs; thoroughfare studies include:
    - Liberty County Thoroughfare Plan
    - Galveston County Thoroughfare Plan
    - Waller County Thoroughfare Plan

Subtask 4.2.b – Freight Planning

The eight county Metropolitan Planning Area hosts three class 1 railroads, as well as the 1st, 16th, 20th and 46th ranked ports in the nation, is the nation's 19th busiest air cargo airport and carries over 20,000 trucks per day on its highways. This multimodal freight network is a key enabler for the regions' industries, businesses and residents that rely on the movement of goods and commodities, and the jobs and livelihoods supported by freight movement. The MPO supports the region's economic activity through efficient, safe, connected freight planning, at the same time addressing the externalities associated with freight transportation.

- Support state level planning efforts such as freight parking, freight mobility hubs and other efforts such as the Texas Freight Advisory Committee meetings and other state-level efforts as needed.
- Support and facilitate local level collaboration such as the Greater Houston Freight Committee and the Houston Area Rail Transformation (HART) Working Group.
- Develop and conduct a freight educational outreach effort to encourage regional coordination and implementation of Regional Goods Movement Plan recommendations including the engagement shippers, intermodal interests, freight stakeholders including, but not limited to, the public through quarterly meetings of the Greater Houston Freight Committee ***(a consultant may be utilized).***
- ***A consultant may be utilized*** for freight related CMP activities, SS 197 Grade Separation Planning, and for the Freight Grade Separation Planning Program.
- Freight safety outreach and education campaign ***(a consultant may be utilized)*** (STBG).

- Conduct a Freight Grade Separation Planning Program which will conduct rail and road grade separation feasibility studies across the 8-county region to determine construction viability, preliminary cost, and potential benefits to the area. These studies will support regional planning, improve safety, reduce congestion, and enhance freight and passenger mobility ***(a consultant may be utilized).***

Subtask 4.2.c – Sub-regional Planning

Sub-regional planning projects provide local partners an opportunity to study a location in their jurisdiction, or sub-region of the Metropolitan Planning Organization, to achieve a locally conceived transportation plan(s) that includes a vision, goals, and recommendations with an emphasis on implementation. These projects include data collection, analysis of the existing transportation network and land uses, stakeholder and public outreach, transportation modeling, scenario development, and development of recommendations for subareas to guide future transportation infrastructure investment. Recommendations include projects, programs and policies which inform potential project list considerations for the Regional Transportation Plan, future Capital Improvement Programs and other funding opportunities as defined by associated plan implementation chapters. ***Consultant(s) may be utilized*** to assist with the following.

- Develop sub-regional local area plans with continued emphasis on multimodal system analyses, alternative land use, and transportation system development scenarios, safety, and security related projects, goods movement, and regional public transportation need.
- Initiate the following mobility studies:
    - City of Needville Mobility Plan
    - Montgomery County Mobility Plan
    - Initiate NHCTPP, or the North Houston Communities Transportation Priorities Plan. (TPF and STBG, TDCs were used for local match)
    - Waller County Mobility Plan
    - Liberty County Mobility Plan
- Conduct outreach including online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the region to increase regional residents' participation.
- Review recommendations from previous plans or studies to assess eligibility and competitiveness for grant programs. Review may include analysis of new factors for consideration and updating evaluations and rankings.
- Provide technical and planning assistance with the development of H-GAC-led plans and planning-level initiatives or to serve in support of regional sponsor/partner initiatives.

Subtask 4.3 Transportation Performance Measures

Transportation Performance Management (TPM) is a strategic approach that uses system information to inform investment and policy decision to achieve adopted performance goals. TPM allows H-GAC to gauge system conditions and use, evaluate transportation programs and projects and help decision-makers allocate limited resources more effectively.

Subtask 4.3.a – Performance Measures and Targets

Transportation Performance Management (TPM) is a strategic approach that uses system

information to inform investment and policy decisions and achieve adopted performance goals. The MPO has the responsibility of setting targets for improving the performance of the transportation system, monitoring the conditions, reporting on the progress of achieving targets, and adjusting targets, as needed. The federal performance measures include safety, the asset management of pavement, bridges, and public transportation, personal and freight travel reliability, congestion, air quality, and public transportation safety for the purpose of maintaining a State of Good Repair and for improving the condition, efficiency, and safety of the transportation system.

- Gather and analyze data, determine trends, and develop performance measure targets across all the required federal performance areas.
- Coordinate with TxDOT, local governments, and providers of public transportation to collect data for evaluating and setting regional target values.
- Coordinate with the statewide performance measure work group on best practices for developing and monitoring system performance.
- Develop performance measure reports to be included in the Transportation Improvement Program and the Regional Transportation Plan.
- Update the Performance Measures webpage and scorecards for reporting progress of the transportation system and for the purposes of engaging and informing the public.

Subtask 4.4 Transit Planning

This subtask will focus on continued transportation planning for people movement, specifically, to coordinate and increase regional and sub-regional efforts related to public transportation or transit. Transit planning efforts may be conducted for the entire region or a subset of the region on behalf of the MPO or at the request of local jurisdiction. Planning efforts may include data collection, needs assessments, and feasibility studies. Reports and plans may include analysis of the existing conditions, stakeholder and public outreach, transportation modeling, scenario development, and development of recommendations to guide future public transportation investments.

Subtask 4.4.a – Regional Transit Planning (TPF, STBG, & FTA 5304 Funds)

The MPO will collect data about and provide regional planning support for public transportation in the eight-county metropolitan planning area. This includes long range transit planning and high-capacity transit planning. ***Consultants may be utilized*** to execute the objectives below.

- Provide planning support to refine and expand transit to improve quality and connectivity in public transportation in the region.
- Collect and maintain transit data (ridership, service network) to support regional planning efforts.
- Online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the region to increase regional residents' participation to support this subtask.
- Leverage recommendations from the Regionally Coordinated Transportation Plan, Regional Transit Framework Study, and High-Capacity Transit Task Force Report to develop a long-range plan for regional transit.
- Conduct studies assessing need and feasibility of recommendations from the High-Capacity Transit Task Force Priority Network (TPF/STBG/FTA 5304).

Subtask 4.4.b – Local Area Transit Studies

The MPO will work with local governments and nonprofits to provide transit feasibility studies and needs assessments to better understand community readiness for public transit, and to provide guidance to shape planning and implementation of public transit services in local communities.

- Staff will work with stakeholders to identify public transportation planning needs and conduct related needs assessments and feasibility studies.
- Online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the planning region to increase regional residents' participation.
- Partner with local transit authorities to implement Commuter and Transit Pilot Projects in the eight-county region (CMAQ).

Subtask 4.5 Active Transportation

This area focuses on bicycle and pedestrian planning, frequently linking to public transportation. Activities in this subtask include existing condition assessments, review and coordination among local transportation plans, technical assistance, capacity building tools and activities, coordination with subcommittees, development of recommendations, implementation plans, and performance measures to advance congestion management and active transportation in the region.

Subtask 4.5.a – Regional Pedestrian and Bicycle Planning

The MPO will provide regional planning support for active transportation in the eight-county transportation management area. This includes but is not limited to planning related to active transportation connected policy, infrastructure, and safety needs. ***Consultants may be utilized*** to execute the objectives below.

- Update the regional active transportation plan by analyzing new demographic, safety, travel and traffic data, updates to related transportation plans and public input.
- Create a toolbox to accompany the regional active transportation plan that shares best practices for designing, funding, and building active transportation infrastructure.
- Conduct a regional bicycle highway study to prepare a needs assessment to identify a planning level bicycle highway network that provides regional and subregional connectivity, identify economic development opportunities for further analysis (e.g. Trail Oriented Development), and identify policy recommendations necessary to support a bicycle highway network.
- Conduct a literature review and best practices study of Safe Routes to School (SRTS) including recommendations for the MPO's role in moving SRTS forward in the region
- Provide planning support for implementation of SRTS best practices in the region.
- Provide technical support for regional, local area, corridor, and site specific SRTS plans
- Provide active transportation planning support for regional and local transportation studies.
- Review recommendations from previous plans or studies to assess eligibility and competitiveness for grant programs. Review may include analysis of new factors for consideration and updating evaluations and rankings.

- Online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the region to increase regional residents' participation.
- Provide pedestrian/bicycle Permanent and Mobile Counter Program.

Subtask 4.5.b – Pedestrian/Bicycle Data Collection, Mapping, and Reporting

The MPO will collect and analyze data related to active transportation activity. Work will include collection and analysis of data from mobile and permanent counters, procured or provided sources of big data, local governments and aerial footage as related to sidewalks and bikeway infrastructure. Data collected and analyzed will be used for periodic reporting and map development to support active transportation planning in the region. Consultants may be used to help with the objectives below.

- Collect and share data related to active transportation activity in the eight-county region by conducting regular counts throughout the metropolitan planning area and by developing and maintaining online tools to share related data.
- Maintain, purchase, and install bike and pedestrian counters to meet national best practices for data collection for a region of this size.
- Update the Regional Bikeways and Regional Sidewalk maps and associated GIS layers.
- Extend bike and sidewalk network data to include information about network quality.
- Conduct surveys to document resident travel patterns and feedback on active transportation use in the region.
- Work with local governments and other transportation agencies to improve the accuracy of existing pedestrian and bicycle mapping tools.
- Develop crash reduction factors for active transportation components.

Subtask 4.5.c – Pedestrian and Bicycle Local Plans (TPF & STBG)

The MPO will conduct local active transportation studies in partnership with government agencies or nonprofits to improve bicycle and pedestrian connectivity and safety in the region. Consultants will be used to carry out the objectives below.

- Conduct Long Range Active Transportation Plan and Active Transportation Travel Survey ***(a consultant may be utilized).***
- Support and oversight for the Pedestrian and Bike Mobile Counter program ***(a contractor may be utilized).***
- Continue the City of Friendswood Trail Plan. (STBG, TDCs used for local match)

Subtask 4.5.d – Pedestrian and Bicycle Outreach (TPF & STBG Funds)

The MPO will conduct outreach to ensure the public is aware of regional resources available and best practices regarding active transportation planning, infrastructure, data collection and safety. ***Consultants may be utilized*** to complete the following activities.

- Provide support and coordination for regional bike month activities, with MPO staff providing input and expertise to outreach staff relating to plans, stakeholders, and activities.
- Conduct and support the activities of the Pedestrian and Bicycle Subcommittee of the TAC, including related workgroups.
- Coordinate internally with other H-GAC departments and with external agencies t improve access to bike and pedestrian infrastructure.
- Encourage increased and safe use of bike and pedestrian infrastructure to improve mobility, access to jobs, quality of life, air quality, and congestion.

- Provide regular trainings on active transportation counters and related data collection and reporting for staff and the community within the region.
- Facilitate and oversee the Adult Bicycle Safety Campaign that includes providing training to increase the amount of League Cycling Instructors (LCI) through the League of American Bicyclists, provide adult bicycle safety education events/classes, and distribute adult bicycle safety materials/gear (STBG, TDCs used as local match) ***(a consultant may be utilized).***
- Share resources on best practices for local governments and other transportation agencies on topics such as: innovative bicycle/pedestrian policies, programs, and practices related to design and maintenance for pedestrian and bicyclist facilities; improving connectivity; project management; cost estimation; Vision Zero strategies; complete Streets policies; first- and last-mile connections to transit; intelligent transportation systems (ITS) that improve safety for active transportation users; Safe Routes to School strategies; and pedestrian and bicyclist safety.

Consultant/Contractor Activities

Task/Subtask	*Activity/Project*	*Status*	*Activity Type*	*Funding Source*
4/4.1.a	RTP Polling and Surveys	New	Consultant	TPF
4/4.1.a	RTP Development	New	Consultant	TPF
4/4.1.a	RTP Needs Assessment & Methods	New	Consultant	TPF
4/4.1.b	RTP Financial Model Update and Automation	New	Consultant	TPF
4/4.2.a	Liberty County Thoroughfare Plan	New	Consultant	TPF
4/4.2.a	Galveston County Thoroughfare Plan	New	Consultant	TPF
4/4.2.a	Waller County Thoroughfare Plan	New	Consultant	TPF
4/4.2.b	Freight related CMP Activity	New	Consultant	TPF
4/4.2.b	SS 197 Grade Separation Planning Study	New	Consultant	TPF
4/4.2.b	Freight Safety Campaign	New	Consultant	STBG
4/4.2.b	Freight Grade Separation Planning Program		Consultant	TPF
4/4.2.c	City of Needville Mobility Plan	New	Consultant	TPF
4/4.2.c	Montgomery County Mobility Plan	New	Consultant	TPF
4/4.2.c	Liberty and Waller Counties Mobility Plans	New	Staff	TPF
4/4.2.c	North Houston Communities Transportation Priorities Plan		Consultant	TPF/STBG
4/4.4.a	High-Capacity Transit Planning		Consultant	TPF/STBG/FTA 5304
4/4.4.b	Commuter & Transit Pilot	New	Consultant	CMAQ
4/4.5.a	Regional Pedestrian & Bicycle Planning		Consultant	TPF

4/4.5.c	Long Range Active Transportation Plan		Consultant	TPF
4/4.5.d	Pedestrian/Bike Counter Program		Consultant/Contract	TPF
4/4.5.d	Adult Bike Safety Campaign		Consultant	STBG

FUNDING SUMMARY

Table 4a: Task 4 – FY 2026 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[13]	STBG	Other Federal/State Funds (CMAQ/FTA 5304)	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[14]
4.1	MPO	$ 2,009,189.00	$ 0	$ 0	$ 0	$ 2,009,189.00	$ 50,230.00
4.2	MPO	$ 3,207,860.00	$ 1,656,505.00	$ 0	$ 0	$ 4,864,365.00	$ 80,197.00
4.3	MPO	$ 141,661.00	$ 0	$ 0	$ 0	$ 141,661.00	$ 3,452.00
4.4	MPO	$ 257,211.00	$ 625,000.00	$ 9,510,690.00	$ 364,201.00	$ 10,132,102.00	$ 6,430.00
4.5	MPO	$ 667,333.00	$ 167,500.00	$ 0	$ 0	$ 667,333.00	$ 16,683.00
	Total	**$ 6,283,254.00**	**$ 2,449,005.00**	**$ 9,510,690.00**	**$ 364,201.00**	**$ 18,607,150.00**	**$ 157,081.00**

Table 4b: Task 4 – FY 2027 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[15]	STBG	Other Federal/State Funds (CMAQ)	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[16]
4.1	MPO	$ 1,629,613.00	$ 0	$ 0	$ 0	$ 1,629,613.00	$ 40,740.00
4.2	MPO	$ 4,703,011.00	$ 0	$ 0	$ 0	$ 4,703,011.00	$ 117,575.00
4.3	MPO	$ 145,163.00	$ 0	$ 0	$ 0	$ 145,163.00	$ 3,629.00
4.4	MPO	$ 863,789.00	$ 0	$ 0	$ 0	$ 863,789.00	$ 21,595.00
4.5	MPO	$ 1,250,234.00	$ 0	$ 0	$ 0	$ 1,250,234.00	$ 31,256.00
	Total	**$ 8,591,810.00**	**$ 0**	**$ 0**	**$ 0**	**$8,591,810.00**	**$ 214,795.00**

[13] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[14] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.
[15] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.
[16] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.

Task Schedule:

Task 4	Project	Responsible Agency	Start Date	End Date	% Complete (as of Oct 31, 2026)	Product/Deliverable
4.1	FY26 Regional Transportation Plan & Project Planning	MPO Staff/Consultant	2024-10-01	2027-10-31	17%	2050 Regional Transportation Plan (including conformity results)
4.1	FY26 Financial Planning	MPO Staff/Consultant	2024-10-01	2027-10-31	9%	Updated Financial Model; TIP financial projections; RTP financial projections
4.1	FY26 Project Development & Mitigation Planning	MPO Staff	2025-10-01	2026-09-30	10%	Project Development and Delivery monitoring and tracking, creating and utilizing project development/delivery milestone policy, creating and utilizing baseline scheduling and risk register tools
4.2	FY26 Multimodal - Thoroughfare Planning	MPO Staff	2025-10-01	2027-10-31	10%	Liberty County Thoroughfare Plan; Galveston County Thoroughfare Plan; Waller County Thoroughfare Plan; Updated Regional Thoroughfare Plan
4.2	FY26 Multimodal - Freight Planning	MPO Staff / Consultant	2026-03-15	2026-09-30	17%	Freight grade separation program; Freight related CMP activities; Freight technical support with committees (GHFC and HART); SS 197 Grade Separation planning study; Freight educational and safety outreach
4.2	FY26 Multimodal - Subregional Planning	MPO Staff / Consultant	2025-10-01	2027-10-31		North Houston Communities Transportation Priorities Plan (NHCTPP); Montgomery County Mobility Plan; City of Needville Mobility Plan; Liberty County Mobility Plan; Waller County Mobility Plan
4.3	FY26 Transportation Performance Measures	MPO Staff	2025-10-01	2026-09-30		Transit Asset Management (TAM), Public Transportation Agency Safety Plans (PTASP)
4.4	FY26 Transit Planning	MPO Staff / Consultant	2025-10-01	2027-09-30	1%	Support regional agencies with local transit planning activities and help identify projects and programs, including Sugar Land Microtransit projects, etc.
4.5	FY26 Active Transportation	MPO Staff / Consultant	2025-10-01	2026-09-30	20%	2050 Regional Active Transportation Plan; Regional Bicycle Highway Study; Regional Safe Routes to School Program; Ped/Bike Counter Program; Regional Bikeways and Sidewalk maps; Active Transportation travel surveys;City of Friendswood Active Transportation Plan; Buffalo Bayou East Design Concept; 5 Local Active Transportation studies (TBD); Pedestrian-Bicycle Subcommittee Meetings; Active Transportation Counter trainings

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TASK 5 - SPECIAL STUDIES

Metropolitan Planning Organizations have a responsibility to proactively identify and address the region's transportation planning needs and priorities for current and future issues. The work elements contained in Task V include activities designed to confront the Houston-Galveston region's deteriorating transportation safety outcomes, address the region's rapid growth in traffic and congested streets and highways. Activities include safety planning, congestion management planning, transportation demand management, regional traffic incident management and intelligent transportation systems, emerging technologies, developing streets and neighborhoods that improve access to destinations, mobility, and safety. Task V also addresses the development of programs to improve resiliency of the transportation system and air quality. On behalf of local agencies, the MPO conducts special studies of corridors and will assess the design and engineering process followed by local project sponsors for development and implementation of projects funded by the Transportation Policy Council. Finally, Task V includes a required list and description of regional transportation planning activities that will be undertaken by partner agencies.

OBJECTIVE

The following key objectives summarize the main activities that the MPO will undertake to complete the requirements of Task V during the term of this Unified Planning Work Program:

- Administer the bi-monthly Traffic Safety Committee Meetings.
- Secure a contractor to perform intersection safety audits on high crash rate intersections.
- Provide and coordinate training opportunities for local government agencies on transportation safety.
- Develop safety action plan(s) with local partners.
- Establish HSIP Performance Measures and Targets for all public roads in the MPO
- Coordinate with the State and include the safety performance measures and the MPO's safety targets for those measures in the Metropolitan Transportation Plan.
- Integrate the safety goals, objectives, performance measures and targets described in other State safety transportation plans and processes such as applicable portions of the HSIP, including the Strategic Highway Safety Plan.
- Work with stakeholders to revise and update the region's congestion management process (CMP).
- Evaluate implementation and impact of the congestion management process.
- Provide detailed analysis for roadway expansion projects to ensure they meet congestion management process requirements prior to their being added to the TIP.
- Coordinate with regional stakeholders to shape regional TDM strategies
- Work with employers, universities, property managers and owners, residential communities and others to develop site based TDM plans and strategies.
- Conduct an evaluation of the regional transportation demand management program.
- Administer and maintain the Regional ITS Architecture.
- Administer and maintain a Regional Database of ITS Devices and Traffic Signals.
- Administer and maintain the Regional TSMO website tsmo.h-gac.com.

- Hold Quarterly TSMO Subcommittee meetings
- Conduct Monthly Traffic Incident Management Meetings with first responders.
- Conduct the Commuter and Transit Pilot Program.
- Purchase, develop and/or utilize TDM/ride matching platforms or software
- Provide technical assistance and develop tools to advance Livable Centers Program priority projects and initiatives. May include identification of policies, regulations and best management practices that can advance Livable Centers principles.
- Provide liaison assistance to facilitate Livable Centers partnerships to build institutional capacity of local partners including sharing of potential funding sources and partnerships.
- Conduct Call for Livable Centers Planning Study Partners
- Administer and manage Livable Centers planning consultant contracts for individual studies.
- Incorporate livable centers studies recommendations into livable centers database.
- Review and monitor emerging transportation technologies.
- Develop a regional emerging transportation strategy.
- Provide planning support and assistance for local partners related to emerging transportation technologies.
- Review scenarios for adoption of new technologies
- Conduct phase II of the Automated Vehicle Texas Southern University project.
- Liaise with public and private stakeholders on emerging transportation technologies.
- Develop a regional zero emission vehicle (ZEV) infrastructure plan (Subtask 5.5.b)
- Develop a region-wide resiliency plan.
- Initiate regional coordination addressing transportation resiliency policy and legislative recommendations.
- Develop an H-GAC regional resiliency website.
- Develop corridor plans with continued emphasis on improving safety.
- Coordinate with local project sponsors and TxDOT to develop transportation projects that support the goals of the regional transportation plan and regional policies.
- Work with consultant to provide project development support for projects identified in the H-GAC project selection process.
- Federal, state, regional and local coordination to increase safe and accessible options for multiple travel modes for people of all ages and abilities.
- Initiate development of IIJA-required Regional Complete Streets Plan. Initial efforts will focus on building policy consensus and identifying current conditions.
- Provide technical assistance, education and training on Complete Streets concepts and principles related to Complete Streets and context-sensitive design.
- Conduct TOD planning to improve first-mile and last-mile connections, and to improve economic potential of station areas.
- Undertake TOD Corridor Data Collection and Interactive Web Mapping.
- Support local sponsor/partner in TOD planning efforts.

EXPECTED PRODUCTS

Expected products of Task V include a wide variety of technical reports and documentation summarizing the findings of various transportation planning efforts, activities such as public meetings and committee meetings, and reports summarizing implementation of activities undertaken by the MPO that relate to or may influence transportation planning. A comprehensive list and description of the likely products from each subtask are included in each subtask description.

PREVIOUS WORK

- Administered the bi-monthly Traffic Safety Committee Meetings.
- Provided support to local government agencies of transportation safety.
- Provided and coordinate training opportunities for local government agencies on transportation safety.
- Established Safety Performance Measures and Targets for all public roads in the MPO in coordination with the State.
- Estimated Vehicle Miles Traveled (VMT) for all public roads for MPO for rate targets.
- Coordinated with the State and include the safety performance measures and the MPO's safety targets for those measures in the Metropolitan Transportation Plan and Transportation Improvement Program.
- Integrated the safety goals, objectives, performance measures and targets described in other State safety transportation plans and processes such as applicable portions of the HSIP, including the Strategic Highway Safety Plan.
- Developed and provided materials for a public outreach campaign involving traffic safety in the region.
- Administered and maintained the Regional TSMO website tsmo.h-gac.com.
- Held Quarterly TSMO Subcommittee meetings to support TSMO and ITS in the Region.
- Conducted Monthly Traffic Incident Management Meetings with first responders.
- Conduct one-on-one meetings with past and current Livable Centers project sponsors to identify opportunities and barriers associated with project implementation.
- Provided technical assistance and develop tools to advance Livable Centers Program priority projects and initiatives.
- Provided liaison assistance to facilitate Livable Centers partnerships to build institutional capacity of local partners including sharing of potential funding sources and partnerships.
- Conducted trainings/workshops and developed support materials to advance coordinated land use implementation strategies.
- Provided technical assistance and data to support the development of Livable Centers project evaluation for future RTP and TIP updates as requested by H-GAC Transportation Department staff.
- Conducted a Call for Planning Study Partners for full and focused Livable Centers studies, including developing selection criteria and online application, partner solicitation, hosting call for planning partners informational meeting, scoring and selection of partners.

- Provided support for a Clean Cities stakeholders meeting at least quarterly.
- Initiated and completed corridor studies which include Washington Avenue Corridor Study, Pearland FM 518 Corridor Study, Cemetery Road Corridor Study, and the Friendswood Lake Corridor Study

SUBTASK- ***All activities will be funded by Transportation Planning Funds (TPF) unless noted otherwise.***

Complete Streets: Within Task V corridor studies focus on providing alternatives to address mobility issues and needs along a specific corridor. The primary issues addressed include congestion and safety, which typically result in creating a complete street with additional facilities to accommodate multiple modes of transportation. ***A consultant may be utilized*** to determine a plan of action for the Safety/Complete Streets Set Aside funding for Task 5 activities.

Subtask 5.1 Safety Planning

This subtask promotes the continued pursuit and analysis of safety issues as they relate to our long-range planning efforts. These efforts range from the collection of crash data to the sponsoring of planning studies and initiatives to address high crash locations. A multidisciplinary Transportation Safety Committee has been developed to bring interested and involved parties to the table to address regional safety in a holistic manner.

Subtask 5.1.a – Regional Safety Planning

This subtask supports the region's efforts to reach vision zero aspirational goals of no fatalities or serious injuries by 2050. It provides support to the region to promote transportation and to identify and/or assess transportation safety projects for the Transportation Improvement Program and Regional Transportation Plan.

- Administer the bi-monthly Traffic Safety Committee Meetings.
- Provide support to local government agencies of transportation safety.
- Provide and coordinate training opportunities for local government agencies on transportation safety.
- Develop a safety program to reduce crashes leading to Vision Zero.

Subtask 5.1.b – Safety Action Planning

This subtask includes the development of a plan to enhance safety for all roadway users with an aspirational goal of eliminating all traffic fatalities and serious injuries in the eight County metropolitan planning area. The MPO will work with local partners to develop Safety Action Plans for the regional and partner cities and transit agencies ***(Consultants may be utilized)***.

- Develop safety action plan(s) with local partners.
- Administer and manage supporting services contracts. Develop and oversee all planning support services, including developing and approving work activities, for the develop of a Safety Action Plan.
- Create a Safety Action Plan Website to coordinate and facilitate regional and local safety efforts, including the development of the region-wide and local Safety Action Plans

- Use online engagement tools/platforms/software, including surveys and/or polling, which may be used for the Safety Action Plans and other transportation safety projects to increase regional residents' participation.

Subtask 5.1.c – Safety Performance Measures, Analysis and Reporting

This subtask supports the Highway Safety Improvement Program (HSIP) and requires Metropolitan Planning Organizations (MPOs) to set safety targets for five safety performance measures. This document highlights the requirements specific to MPOs and provides a comparison of MPO-developed and State DOT-developed measures and targets.

- Establish Safety Performance Measures and Targets for all public roads in the MPO in coordination with the State.
- Estimate Vehicle Miles Traveled (VMT) for all public roads for MPO for rate targets. Coordinate with the State and include the safety performance measures and the MPO's safety targets for those measures in the Metropolitan Transportation Plan and Transportation Improvement Program.
- Integrate the safety goals, objectives, performance measures and targets described in other State safety transportation plans and processes such as applicable portions of the HSIP, including the Strategic Highway Safety Plan.
- Establish regional safety performance measures that can be monitored throughout the year to improve crash rates.

Subtask 5.1.d – Safety Outreach (STBG)

Transportation Safety Outreach aims to improve traffic safety throughout the eight-county Metropolitan Planning area through supporting safety-focused education, training and public outreach to media, schools, community organizations and other partner agencies ***(a consultant may be utilized).***

- Develop and conduct public outreach meetings to improve overall system safety, reduce injuries and fatalities and improve non-recurring congestion (STBG). This includes:
    - educating teens about safe driving habits and crash risk factors such as distracted driving, drowsy/night driving, speeding/racing, seat belt usage, and driving under the influence of drugs/alcohol.
    - educating children and parents about youth traffic safety, child occupant safety, safe bicycle handling, helmet use, and best practices, safe pedestrian behaviors, and heat stroke prevention.
    - providing adult bicycle safety education and best practices on subjects such as bicycle safety equipment., bicycle operation when traveling on-road with motor vehicles, and legal rights and responsibilities of bicyclists.
- Conduct education and outreach campaigns and messaging educating the public on new and existing transportation safety messages on subjects that include, but are not limited to, speeding, distracted driving, driving under the influence of drugs and alcohol, bicycle safety, rail safety, and pedestrian safety (STBG, TDCs used for local match).
- Distribute safety supplies and educational materials (STBG, TDCs used for local match).
- Develop and conduct "train the trainer" classes to certify qualified individuals as League Certified Instructors (LCI) in the TMA (STBG, TDCs used for local match).
- Conduct, implement, and oversee development of Local Road Safety Plans. These plans may include, but are not limited to, project management, data collection and analysis,

identification of top opportunity areas throughout the metropolitan planning area to enhance safety on public roads, identification and collaboration with stakeholders, evaluation and development of implementation strategies, and recommendations.

Subtask 5.2 Congestion Management Planning and Operations

The purpose of congestion management is the development and application of strategies to improve transportation system performance and reliability by reducing the adverse impacts of congestion on the movement of people and goods. This subtask emphasizes the development and feasibility of strategies such as Travel Demand Management and Regional Incident Management Travel Demand Modeling focuses on user behavior-based strategies to encourage use of multi-occupant travel options and shift travel away from peak periods. Regional Incident Management involves effective management of existing infrastructure through a range of strategies and includes freeway incident clearance programs ***(a consultant may be utilized for these activities).***

Subtask 5.2.a – Congestion Management Process

The MPO is required to develop a Congestion Management Process (CMP) to analyze system, corridor and segment-level performance data to understand the location, extent and duration of congestion within the transportation system. Using this data H-GAC informs the selection of performance measure targets related to multimodal congestion and identifies strategies to mitigate and manage congestion. Roadway projects that are on the CMP network and add capacity for single occupancy vehicles must be addressed through the region's congestion management process, including analysis for exemption by addressing a safety or bottle neck issue and analysis to ensure alignment with the targeted levels of performance and mitigation strategies prior to use of federal funds to support projects ***(a consultant may be utilized)***.

- Coordinate internally and with external stakeholders to revise and update the region's congestion management process; including goals and objectives, priority areas and corridors, strategies to be implemented, methods of measuring success, and how the process will integrate with the Regional Transportation Plan and Transportation Improvement Program.
- Regularly evaluate implementation and impact of the congestion management process.
- Provide detailed analysis for roadway expansion projects to ensure they meet congestion management process requirements related to congestion impact prior to their being added to the TIP.

Subtask 5.2.b – Development of Travel Demand Management Strategies (TPF & CMAQ)

The MPO will work with area partners to develop transportation demand management (or TDM) strategies to expand mode choice; market to and educate users of travel options; and outline pricing strategies that influence travel behavior and mode choice. These strategies have benefits such as reducing peak period travel, reducing vehicle miles traveled, and improving air quality. ***A consultant may be utilized*** for the activities below.

- Coordinate with regional stakeholders, such as employers, local governments, transit agencies, universities, K-12 schools and transportation management associations to shape regional TDM plans including strategies and recommendations (CMAQ).

- Work with employers, universities, property managers and owners, residential communities and others to develop site based TDM plans and strategies (CMAQ).
- Staff the regional transportation demand management stakeholder workgroup through regular coordination of meetings and reporting to relevant TAC subcommittees (CMAQ).
- Provide support for development of a regional travel demand management plan, non-recurring congestion demand management plans, parking management or curb management plans and outreach related to these planning efforts.
- Provide support for other MPO planning efforts that have travel demand management components. This includes, but is not limited to the Regional Transportation Plan, Transportation Improvement Program, 10-Year Plan, Congestion Management Plan, subregional plans, air quality planning and conformity, safety plans, active transportation plans, and transit planning and transportation performance measures
- Implementation of the TDM Outreach Campaign. (CMAQ)
- Implementation of the Emergency Ride Home Pilot Program that allow transit riders a way home in case of an emergency through ride share services. (CMAQ)

Subtask 5.2.c – Intelligent Transportation Systems (ITS) and Transportation Systems Maintenance and Operations (TSMO)

This subtask supports activities related to ITS and TSMO. It supports the ITS/TSMO website, maintains the ITS Regional Architecture and supports TSMO activity in the Region. It also assists in incorporating ITS and TSMO in the regional planning process ***(a consultant may be utilized)***.

- Support a set of strategies to anticipate and manage traffic congestion and minimize the other unpredictable causes of service disruption and delay, thereby maintaining roadway capacity while improving reliability and safety.
- Administer and maintain the Regional TSMO website tsmo.h-gac.com.
- Hold Quarterly TSMO Subcommittee meetings to support TSMO and ITS in the Region.
- Begin pre-development efforts for a regional TSMO plan.

Subtask 5.2.d – Regional Incident Management (TPF & STGB)

This subtask supports activities related to Traffic Incident Management. It supports the Incident Management in the region to improve the safety of First Responders and the traveling public. This also strives to improve crash clearance times to improve congestion and overall system safety.

- Conduct Monthly Traffic Incident Management Meetings with first responders.
- Provide planning, coordination and evaluation support for the regional incident management program. This can include surveys, data collection, and reporting.
- Provide support to other MPO planning efforts that relate to regional incident management including, but not limited to congestion management planning, the regional transportation plan, transportation improvement program, 10-year plan, TSMO and Travel Demand Management plan.
- Oversight and Implementation of the Tow and Go program ***(a consultant may be utilized)*** (STBG.)
- Oversight and Implementation of the Incident Management program ***(a consultant may be utilized)*** (STBG).

Subtask 5.2.e – Travel Demand Management Operations

Transportation demand management includes a variety of strategies such as offering information and education, providing effective travel choices, development of policies and incentives/disincentives that can influence travel behavior to improve congestion and air quality (CMAQ). The MPO implements such strategies to meet requirements for being in non-attainment
of certain air quality standards.

- Provide planning support, including, data collection, analysis and evaluation, for implemented strategies such as emergency ride home, ozone action campaigns, and partnerships with transportation management associations.
- Provide regular reporting related to the air quality and congestion impacts of implemented strategies.

Subtask 5.3 Livable Centers

This subtask provides outreach and technical assistance to local governments and private developers to achieve more efficient coordination between development patterns and the transportation system; to develop policies, plans and projects that will help achieve this objective within the Metropolitan Planning area.

Subtask 5.3.a – Livable Centers Planning and Technical Support

H-GAC provides outreach, training, and technical assistance to local governments and private developers to help achieve an improved connection and more efficient coordination between development patterns and the transportation system; and to develop policies, plans and projects.

- Conduct one-on-one meetings with past and current Livable Centers project sponsors to identify opportunities and barriers associated with project implementation.
- Provide technical assistance and develop tools to advance Livable Centers Program priority projects and initiatives. May include identification of policies, regulations and best management practices that can advance Livable Centers principles.
- Provide liaison assistance to facilitate Livable Centers partnerships to build institutional capacity of local partners including sharing of potential funding sources and partnerships.
- Conduct trainings/workshops and develop support materials to advance coordinated land use implementation strategies.
- Provide technical assistance and data to support the development of Livable Centers project evaluation for future RTP and TIP updates as requested by H-GAC Transportation Department staff.

Subtask 5.3.b – Livable Centers Planning Studies

Livable Centers planning studies will provide a framework for promoting efficient use of existing infrastructure, creating multi-modal travel choices, improving accessibility and circulation, and leveraging private resources for strategic investment. Studies will identify TIP eligible transportation projects and include estimated Vehicle Miles Traveled reductions and air-quality benefits.

- Conduct Call for Planning Study Partners for full and focused Livable Centers studies,

including developing selection criteria and online application, partner solicitation, hosting call for planning partners informational meeting, scoring and selection of partners.

- Administer and manage planning consultant contracts for individual studies. Develop and oversee all aspects of contracts with consultants to provide project management, oversight and compliance activities, staff and planning support services, including developing and approving project scope of work development, providing day-to-day management of consultants, assigning tasks, and conducting other activities necessary.
- Conduct local livable centers studies in partnership with project sponsors to helps to create quality, mixed-use places that provide multi-modal transportation options through policy and programmatic recommendations and implementation projects. ***Consultants will be utilized*** for these studies.
    - Number of studies and locations will be determined after call is conducted.
- Incorporate livable centers studies recommendations into livable centers database and program trackers.

Subtask 5.4 Transportation Innovation and Emerging Technologies

Transportation Innovation and Emerging Technologies, establishes activities that will plan for the arrival of automated vehicles and other new transportation technologies in the Houston-Galveston region, impact on mobility within the region, and related transportation infrastructure needs. These activities will focus on identifying and responding to the implications that autonomous vehicles and emerging technologies may have on the region's travel demand, activities, and patterns; land use; congestion; and transportation data. Planning tools, including travel forecasting models, may need to adapt in ways that account for the effect upon the roadway system brought about by these technological innovations and transformations. Autonomous vehicles are no longer discussed solely in the context of automobile passenger travel, but also in the context of freight, transit, and people mover/ shuttle systems. Planning efforts will include coverage of associated technologies such as connected vehicle technologies, micro-transit innovations, artificial intelligence applications, and digital and virtual reality technologies that allow people to engage in life activities without having to travel through physical space.

Subtask 5.4.a – Autonomous Vehicles and Emerging Technologies

Transportation is undergoing substantial and rapid technology advances relating to autonomous vehicles, connected vehicle technologies, commercial drones (unmanned aerial vehicles), artificial intelligence (AI) tools, transportation network companies, and increasing market adoption of electric vehicles. These developments have the potential to trigger significant changes in transportation safety, costs, resource consumption, mobility, and other important areas. However, benefits can only be achieved if the transportation system can effectively accommodate and leverage these emerging technologies. This Subtask includes activities to examine current, anticipated, and potential trends relating to various new and developing transportation technologies to identify challenges and opportunities related to the Houston-Galveston region's transportation infrastructure planning over near-, mid-, and long-term time horizons

- Conduct research and analysis of emerging technologies related to the planning, implementation, and adoption of autonomous/connect vehicle technology,

autonomous freight shuttle technology, and other emerging transportation technologies related to freight and vehicular movement.

- Review and monitor emerging transportation technologies, including technology development, deployment trends, potential impacts, peer activities, and industry actions and trends. Engage with stakeholder in and outside the region, including attending trainings and conferences, and prepare briefings and updates as needed.
- Develop a regional emerging transportation strategy or policy document to address planning and infrastructure needs for the region. Issues to address may include any emerging transportation technologies, potential infrastructure and fiscal impacts, economic development opportunities, environmental impacts, and long-range planning needs.
- Provide planning support and assistance for local partners related to emerging transportation technologies. These activities may include, but are not limited to, identifying use cases, evaluating projects, policy development, public outreach and planning, scenario and/or land use pattern planning, or traffic modeling.
- Review scenarios for adoption of new technologies (connected/autonomous vehicles and ITS) in the metropolitan planning area and potential impacts on mobility and congestion. Identify infrastructure and policy necessary to maximize mobility, congestion management and safety.

(1) Continue to conduct phase II of the AV Texas Southern University project, connecting Texas Southern University and the Metro Light Rail System for a University District AV Circulator ***(a consultant may be utilized).*** Phase II of the ongoing research studies the functionality of a Class 4 mid-size, medium duty, shared, zero emissions shuttle that will connect the University District AV Transit to METRO's high-capacity transit system.

- Develop and maintain an online information clearinghouse for the region that provides information about emerging transportation technologies and information about deployment in the region.
- Liaise with public and private stakeholders on autonomous and connected vehicles, implementation and deployment, and other emerging transportation technologies.

Subtask 5.5 Air Quality Management and Operations

The purpose of this subtask is to identify, design, implement, and promote voluntary local strategies to reduce transportation-related emissions, energy, and air quality impacts. Emphasis is placed on achieving reductions in ozone precursor emissions to achieve compliance with federal ozone standards, but work includes efforts to comprehensively reduce emissions of other air pollutants. In all areas, H-GAC works collaboratively with local governments, peer organizations, State and federal agencies, and other stakeholders to advance emission-reducing activities. H-GAC also carries out responsibilities as the Department of Energy (DOE)-designated Houston Clean Cities Coalition.

Subtask 5.5.a – Air Quality Initiatives for Fleets

H-GAC's vehicle replacement programs provide resources, services, and assistance to promote the reduction of harmful emissions in the eight-county nonattainment area through the awarding of grants to partially reimburse the cost of replacing aging heavy-duty diesel vehicles, or the additional costs of newer cleaner models or engines powered by traditional or alternative fuels. These grant funds may also be used to assist with the purchase of alternative

fueling or charging infrastructure.

Subtask 5.5.b – Air Quality Initiatives for Consumers and Communities

In addition to working with large fleets to reduce transportation related emissions, H-GAC anticipates working with consumers and communities to help reduce emissions. Initial efforts or this task will work to better understand and transcend barriers related to the acceptance and use of zero emission vehicles within our region.

- Develop a regional zero emission vehicle (ZEV) infrastructure plan to help guide the development of regional infrastructure needs for zero emission at the tailpipe fuels. This should include a study of existing and estimated future vehicle populations as well as the charging, fueling, and infrastructure needs related to these estimates. This report should analyze policy needs related to these technologies. It is anticipated that this study will also examine the potential regional emissions impacts associated with ZEV. This effort will inform the development of alternative fuel charging grants discussed in Subtask 5.5.a.
- Work with government stakeholders to develop model "EV-Ready" building codes that can be used for residential and commercial construction. These EV-Ready codes can be implemented to assist with facilitating utilization of ZEV vehicles within the region.
- ***A consultant may be utilized*** to complete a Zero Emissions Vehicle Plan.

Subtask 5.5.c – Clean Cities

The Clean Cities program is a Department of Energy (DOE) funded program that supports the nation's energy and economic security by building partnerships to advance affordable domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. The Houston-Galveston Clean Cities Coalition, hosted by H-GAC, works with local stakeholders to provide the technical expertise local decision makers and fleets need to understand and implement alternative and renewable fuels, electric vehicles, idle-reduction measures, fuel economy improvements, new mobility choices, and emerging transportation technologies within our region.

- Provide support for a Clean Cities stakeholders meeting at least quarterly. This meeting will provide space for stakeholders to exchange ideas and information about alternative fuels as well as provide information about current funding opportunities for alternative fuels.
- Support regional corridor infrastructure planning and development activities.

Subtask 5.6 Resiliency Planning

This subtask coordinates resiliency efforts to improve reliability and security of the transportation system to withstand threats from man-made and natural disasters. Regionwide plans will be coordinated with homeland security, disaster preparedness, and post disaster redevelopment efforts.

Subtask 5.6.a – Regional Resiliency Planning

Coordinate resiliency efforts to improve reliability and security of the transportation system to withstand threats from man-made and natural disasters. Region-wide plans will be coordinated with homeland security, disaster preparedness, and post-disaster redevelopment efforts.

- Develop a region-wide resiliency plan, performance measures, and potential pilot Opportunities ***(a consultants may be utilized)***.
- Initiate regional coordination though local sponsor/partner technical assistance and education-based resources/training including, but not limited to, developing regional transportation resiliency policy and highlighting related grant funding opportunities.
- Develop an H-GAC regional resiliency website and include online engagement tools/platforms/software, including surveys and/or polling, which may be used on various projects within the region to increase regional residents' participation.

Subtask 5.7 Corridor, Project-Level, and Special Studies

This area focuses on bicycle and pedestrian planning, frequently linking to public transportation. Activities in this subtask include existing condition assessments, review and coordination among local transportation plans, technical assistance, capacity building tools and activities, coordination with subcommittees, development of recommendations, implementation plans, and performance measures to advance congestion management and active transportation in the region.

Subtask 5.7.a – Corridor Planning (TPF & STGB Funds)

Corridor Planning evaluates the short- and long-term needs of a defined corridor to develop actionable recommendations to improve safety, mobility and resiliency of the corridor. These studies include data collection and analysis, public engagement and incorporates alternative analysis to establish a preferred roadway cross section, right-of-way recommendations, and anticipated planning-level project costs estimates. Recommendations include projects, programs and policies which inform potential project list considerations for the Regional Transportation Plan, future Capital Improvement Programs and other funding opportunities as defined by associated plan implementation chapters. ***Consultant(s) may be utilized to assist with the following studies below.***

- Develop corridor plans with continued emphasis on improving safety by analyzing identified mobility issues and land use. The recommendations will incorporate multimodal and safety solutions to mitigate congestion and improve safety for all ***a consultant may be utilized*** for the studies below.
    - Wayside Drive Corridor Study
    - State Highway 35 Corridor Study
    - Friendswood Lake Corridor Study (STBG, TDCs are used for local match)
- Review recommendations from previous plans or studies. Review may include analysis of new factors for consideration and updating evaluations and rankings.
- Conduct outreach including online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the region to increase regional residents' participation.

Subtask 5.7.b – Project-Level Planning

H-GAC will work with federal, state, and local agencies toward the on-time delivery of federal surface transportation projects selected by the TPC. Projects and plans will be selected through the H-GAC project selection process that are aligned with the current regional transportation plan and the associated air quality conformity determination. Projects identified in the project selection process will be monitored by staff to proactively identify

project development concerns that may cause project delays or budget changes.

- Coordinate with local project sponsors and TxDOT to develop transportation projects that support the goals of the regional transportation plan and regional policies.
- Work with consultant to assess the project delivery and to develop a strategy for MPO delivery assistance.

Subtask 5.7.c – Complete Streets Planning

A Complete Street is safe, and feels safe, for everyone using the street and prioritize safety, comfort, and access to destinations for people who use the street network, including pedestrians, bicyclists, transit riders, micro-mobility users, freight delivery services, and motorists. The goal is to provide an equitable and safe transportation network for travelers of all ages and abilities, including those from marginalized communities facing historic disinvestment. This vision is not achieved through a one-size-fits-all solution – each Complete Street is unique and developed to best serve its community context and its primary role in the network. MPO's are federally required to create Complete Streets plan(s). Federal, state, regional and local coordination to increase safe and accessible options for multiple travel modes for people of all ages and abilities.

- Provide technical assistance, education and training on Complete Streets concepts and principles related to Complete Streets and context-sensitive design.

Subtask 5.7.d – Transit Oriented Development (TOD)

Conduct planning activities to support TOD in the region. The task will include coordination activities with local governments and public transportation providers to identify opportunities for Transit Oriented Design in conjunction with their plans for existing and proposed services.

- Conduct TOD planning to improve first-mile and last-mile connections, and to improve economic potential of station areas.
- TOD Corridor Data Collection and Interactive Web Mapping to capture accurate data related to demographics, employment, housing, transit, ridership, and land values in existing and future High-Capacity Transit corridors, high-ridership bus route corridors, and rail station areas to assist cities, transit agencies, developers, and other stakeholders in identifying development trends and opportunities.
- Online engagement tools/platforms/software, including surveys and/or polling, may be used on various projects within the region to increase regional residents' participation.
- Support local sponsor/partner in TOD planning efforts, including, but not limited to Tidwell Transit Center along the University Corridor that will enhance connectivity, promote walkability and sustainability. (Partner activity to be completed by METRO.)

Subtask 5.7.e – Partner Agency Planning Activities

In addition to the work outlined in this Unified Planning Work Program (UPWP), other transportation and air quality planning activities will be conducted by various transportation planning and implementation agencies. The federal metropolitan planning guidelines for preparation of the UPWP call upon Metropolitan Planning Organizations to include in the UPWP a detailed description of transportation and transportation-related planning activities anticipated within the metropolitan area during the period covered by the UPWP, regardless of funding sources. Local governments and transportation agencies throughout the metropolitan area were asked to submit a summary of these anticipated activities.

- Project Delivery Assessment and Plan-develop and include in the UPWP a list all partner-sponsored or conducted regionally important transportation planning activities, including all federally funded planning activities ***(a consultant may be utilized).***
- Harris County Countywide Road Drainage Master Plan Project-funded by Promoting Resilient Operations for Transformative, Effective, and Cost Saving Transportation (PROTECT) project planning activities.

The following Transit Authority information summarizes the efforts that were submitted to the Houston Galveston MPO for inclusion in this document.

Agency	Federal Funding	Funding Source	Project Description
Conroe Connection Public Transit	$ 180,000.00 (TDC Match)	FTA 5307	Conduct in-house operations system planning, new pilot project for On-Demand transit zone planning, maintenance plans for Conroe Connection Lo/No Emission Motor Coach commuter service fleet, and a new asset management plan to include new Lo/No Emission Motor Coach fleet.
Fort Bend County Transit	$ 938,075.00 (TDC Match)	FTA 5307	General planning activities related to financial, operational, marketing and reporting activities. Routine transit service studies, Westpark Service Planning, Energy Corridor Service Planning and continuation of long- and short-range planning
Gulf Coast Transit District	$ 75,000.00 (Match TBD)	FTA 5307	System planning related to the expansion/alteration of services to better accommodate changes in urbanized and rural areas. GCTD is also developing disaster recovery, finance, and system plans for the next 5, 10 and 20 years. In addition to this GCTD will be using project planning and preliminary engineering for land and facilities in the northern part of both Galveston and Brazoria counties. The anticipated plan is to find land in Pearland and Webster to acquire and then begin work on building new hub facilities for the GCTD services in those areas. This will better allow for services and lead to increased ridership and reduction of per ride cost by reducing the non-revenue miles for trips.
The Woodlands Transit	$ 350,000.00 (TDC Match)	FTA 5307	Utilize a consultant for services general transit/ transportation planning, transit/transportation related studies, transit/transportation systems & operations planning, data collection & analysis, evaluation of transit projects, administration, procurement assistance, and program administration.

Harris County Transit(Houston-UZA)	$ 774,000.00 (TDC Match)	FTA 5307	Planning activities will include bus router configuration of the Northshore (formally DR) Fixed Route service, Planning activities to move the Crosby/ Highlands/ McNair service from Fixed Route to an On-Demand service and development of after-hours service in Baytown in conjunction with Lee College. In addition to service planning Harris County will use planning funds to up-date our PTASP, update our agency TAM plan, Operations and Management studies for all services and develop a new SSEPP.
Woodlands Township(Conroe/Woodlands-UZA)	$ 140,000.00 (TDC Match)	FTA 5307	Utilize a consultant for services genera transit /transportation planning ,transit/transportation related studies, transit/transportation systems &operations planning, data collection &analysis, evaluation of transit projects, administration, procurement assistance, and program administration.
Total FTA 5307:	$2,457,075.00		

Consultant/Contractor Activities

Task/Subtask	***Activity/Project***	***Status***	***Activity Type***	***Funding Source***
5/5.1.b	Safety Action Plans	Carryover	Consultant	TPF
5/5.1.d	Safety Outreach and Awareness	New	Consultant	STBG
5/5.2.a	Congestion Management Process Planning	New	Consultant	TPF
5/5.2.b	TDM Outreach Campaign	New	Consultant/Staff	CMAQ
5/5.2.c	ITS planning activities		Consultant	TPF
5/5.2.d	Tow and Go Program	Ongoing	Consultant	STBG
5/5.2.d	Incident Management	Ongoing	Consultant	STBG
5/5.3.b	Livable Centers Studies	Ongoing	Consultant	TPF
5/5.4.a	Phase II TSU Project	Carryover	Consultant	TPF
5/5.6.a	Regional Resiliency Plan and Data Pilot	New	Consultant	TPF
5/5.5.b	Emissions Vehicle Plan	New	Consultant	TPF
5/5.7.a	Wayside Dr. Corridor Study	New	Consultant	TPF
5/5.7.a	State Hwy. 35 Corridor Study	New	Consultant	TPF
5/5.7.a	Friendswood Lake Corridor Study	Ongoing	Consultant	STBG
5/5.7.e	Project Delivery Assessment & Plan	New	Consultant	TPF

FUNDING SUMMARY

Table 5a: Task 5 – FY 2026 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[17]	FTA Section 5307 Funds	STBG	Other Federal/State Funds (CMAQ)	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[18]
5.1	MPO	$ 4,074,921.00	$ 0	$ 1,109,881.00	$ 0	$ 0	$ 5,184,802.00	$ 101,873.00
5.2	MPO	$ 953,918.00	$ 0	$ 21,918,400.00	$ 440,673.00	$ 0	$ 23,312,991.00	$ 23,848.00
5.3	MPO	$ 1,769,007.00	$ 0	$ 0	$ 0	$ 0	$ 1,769,007.00	$ 44,225.00
5.4	MPO	$ 181,190.00	$ 0	$ 0	$ 0	$ 0	$ 181,190.00	$ 4,530.00
5.5	MPO	$ 281,166.00	$ 0	$ 0	$ 0	$ 0	$ 281,166.00	$ 5,779.00
5.6	MPO	$ 720,183.00	$ 0	$ 0	$ 0	$ 0	$ 720,183.00	$ 18,005.00
5.7	MPO & Transit Authorities	$ 2,120,064.00	$ 2,457,075.00	$ 290,121.00	$ 300,000.00	$ 0	$ 5,167,260.00	$ 53,001.60
	Total	**$10,100,449.00**	**$2,457,075.00**	**$23,318,402.00**	**$ 740,673.00**	**$ 0**	**$ 36,616,599.00**	**$ 251,261.00**

[17] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.

[18] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.

Table 5b: Task 5 – FY 2027 Funding Summary Table

Subtask	Responsible Agency	Transportation Planning Funds (TPF)[19]	FTA Section 5307 Funds	STBG	Other Federal/State Funds (CMAQ)	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[20]
5.1	MPO	$ 3,090,958.00	$ 0	$ 1,109,881.00	$ 0	$ 0	$ 4,200,839.00	$ 77,274.00
5.2	MPO	$ 971,041.00	$ 0	$ 21,918,400.00	$ 440,673.00	$ 0	$ 23,330,114.00	$ 24,276.00
5.3	MPO	$ 1,884,075.00	$ 0	$ 0	$ 0	$ 0	$ 1,884,075.00	$ 47,102.00
5.4	MPO	$ 11,477.00	$ 0	$ 0	$ 0	$ 0	$ 11,477.00	$ 287.00
5.5	MPO	$ 83,115.00	$ 0	$ 0	$ 0	$ 0	$ 83,115.00	$ 2,078.00
5.6	MPO	$ 725,591.00	$ 0	$ 0	$ 0	$ 0	$ 725,591.00	$ 18,140.00
5.7	MPO & Transit Authorities	$ 3,032,436.00	$ 2,457,075.00	$ 0	$ 0	$ 0	$ 5,489,511.00	$ 75,811.00
	Total	**$ 9,798,693.00**	**$ 2,457,075.00**	**$23,028,281.00**	**$ 440,673.00**	**$ 0**	**$35,724,722.00**	**$ 244,967.00**

[19] TPF – This includes both FHWA PL-112 (including the 2.5% Safety/Complete Streets Set-Aside) and FTA Section 5303 Funds. TxDOT will apply transportation development credits sufficient to provide the match for TPF. As the credits reflect neither cash nor work hours, they are not reflected in the funding tables.

[20] 2.5% Safety/Complete Streets Set-Aside – This funding must come from the PL funds within TPF.

Task Schedule:

Task 5	Project	Responsible Agency	Start Date	End Date	% Complete (as of Oct 31, 2026)	Product/Deliverable
5.1	FY26 Transportation Safety Planning	MPO Staff / Consultant	2025-10-01	2027-09-30	9%	Regional safety planning; Transportation Safety Committee activities; Safety Performance Measures Analysis and Reporting; 5 Local Road Safety Studies
5.1	FY26 Safety Planning	MPO Staff / Consultant	2025-05-19	2027-01-31	27%	Safety Action Plan (SAP); City of Conroe SAP; City of Pasadena SAP; City of Houston SAP; Harris County SAP; Fort Bend County SAP; Montgomery County SAP; Brazoria County SAP; Galveston County SAP; Chambers County SAP; Liberty County SAP; Waller County SAP; Houston-Galveston Area Council (H-GAC) SAP; Metropolitan Transit Authority of Harris County (METRO) SAP
5.2	FY26 Congestion Management Planning & Operations	MPO Staff / Consultant	2025-10-01	2027-09-30	1%	Conduct Congestion Management activities and coordinate with regional agencies. Support Regional TDM program, conduct CMP update and mantain CMP process.
5.3	FY26 Community & Environmental - Livable Centers	MPO Staff / Consultant	2025-10-01	2027-09-30		Develop tools to advance Livable Centers Priority projects and initiatives. Provide outreach and technical assistance to local governments and private developers to achieve more efficient coordination between development patterns and the transportation system; to develop policies, plans and projects that will help achieve this objective within MPO Transportation Management Area (TMA).
5.4	FY26 Transportation Innovation	MPO Staff / Consultant	2025-10-01	2026-09-30	10%	Support TSU Autonomous Vehicle best practicies study.
5.5	FY26 Air Quality Management & Operations	MPO Staff / Consultant	2025-10-01	2027-09-30	5%	Administer regional Clean Vehicles Program and related initiatives, develop zero emission vehicle plan, develop EV-ready building codes, support the US Department of Energy's Clean Cities and Communities program on a regional level.
5.6	FY26 Resiliency Planning	MPO Staff / Consultant	2025-09-16	2028-08-31	10%	Regional resiliency planning; PROTECT Regional Resiliency Plan; Regional resiliency performance measures; regional resiliency pilot study
5.7	FY26 Corridor Project Level & Special Studies	MPO Staff/Consultar	2024-10-01	2027-10-31	50%	Friendswood Parkway Corridor Study; Complete Streets Plan
5.7	FY26 Project Level Planning	MPO Staff	2025-10-01	2026-09-30	10%	Utilizing project development and delivery tools to effectively plan projects to keep them on the correct MPO and State Transportation plans
5.7	FY26 TOD	MPO Staff	2025-10-01	2027-09-30	0%	Conduct TOD planning support for regional agencies and conduct transit oriented design activies as needed

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BUDGET SUMMARY

Table 6a: Funding Summary - FY 2026

UPWP Task	Description	TPF[1]	FTA Sect. 5307 Funds	STBG	Other Federal Funds	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[2]
1.0	Administration – Management	$ 5,677,072.00	$ 0	$ 0	$ 0	$ 0	$ 5,677,072.00	$ 0
2.0	Data Development and Maintenance	$ 5,659,313.00	$ 0	$ 3,428,411.00	$ 0	$ 0	$ 9,087,724.00	$ 0
3.0	Short Range Planning	$ 2,568,188.00	$ 0	$ 200,000.00	$ 579,194.00	$ 0	$ 3,347,382.00	$ 0
4.0	Metropolitan Transportation Plan	$ 6,283,254.00	$ 2,449,005.00	$ 9,510,690.00	$ 364,201.00	$ 0	$ 18,607,150.00	$ 157,081.00
5.0	Special Studies	$ 10,400,449.00	$ 2,457,075.00	$ 23,318,402.00	$ 740,673.00	$ 0	$ 36,916,599.00	$ 251,261.00
	Total	**$ 30,588,276.00**	**$ 4,906,080.00**	**$ 36,457,503.00**	**$ 1,684,068.00**	**$ 0**	**$ 73,635,927.00**	**$ 408,342.00**

Table 6b: Funding Summary - FY 2027

UPWP Task	Description	TPF[3]	FTA Sect. 5307 Funds	STBG	Other Federal Funds	Local Funds	Total Funds	Amount of 2.5% Safety/Complete Streets Set-Aside Funding[4]
1.0	Administration – Management	$ 5,613,366.00	$ 0	$ 0	$ 0	$ 0	$ 5,613,366.00	$ 0
2.0	Data Development and Maintenance	$ 5,572,746.00	$ 0	$ 2,750,000.00	$ 125,695.00	$ 0	$ 8,448,441.00	$ 0
3.0	Short Range Planning	$ 1,615,984.00	$ 0	$ 594,694.00	$ 0	$ 0	$ 2,210,678.00	$ 0
4.0	Metropolitan Transportation Plan	$ 8,591,810.00	$ 0	$ 0	$ 0	$ 0	$ 8,591,810.00	$ 214,795.00
5.0	Special Studies	$ 9,798,695.00	$ 2,457,075.00	$ 23,028,281.00	$ 440,673.00	$ 0	$ 35,724,724.00	$ 244,967.00
	Total	**$ 31,192,601.00**	**$ 2,457,075.00**	**$ 26,372,975.00**	**$566,368.00**	**$ 0**	**$ 60,589,019.00**	**$ 459,762.00**

Combined TPF Allocations (WO 1 and WO 2) for FY 2026 and FY 2027	$	29,009,154.00
Estimated Unexpended TPF Carryover (WO 3) from Previous FYs	$	35,210,698.00
TOTAL TPF for FY 2026 and FY 2027	**$**	**61,480,877.00**

The TPF Carryover balance is due to tasks not able to be completed previously and was therefore carried over to the next fiscal year(s) to be finished.

APPENDIX

Transportation Policy Council (TPC) Members

Representing	Primary	Alternate
City of Baytown	Jacob Powell Council Member, District 5	Jason Reynolds City Manager
City of Conroe	Howard Wood Council Member, Place 4	Norman McGuire Assistant City Administrator
City of Galveston	Marie Robb Council Member	David Finklea Council Member
City of Houston	Randy Maccha Director-Houston Public Works	Steven David Deputy Chief of Staff, Office of the Mayor
City of Houston	Carolyn Evans-Shabazz Council Member, District D	Joaquin Martinez Council Member, District I
City of Houston	Sallie Alcorn Council Member, At Large 5	Willie Davis Council Member, At Large 2
City of League City	Tommy Cones Council Member	Andy Mann Council Member
City of Missouri City	Shashi K. Kumar, P.E. Director of Public Works & City Engineer	Nicholas L. Cook Assistant Utilities Director
City of Pasadena	Sarah Benavides, P.E. Engineer and Sr. Assistant Public Works Director	Mark Gardemal Deputy Director-Public Works
City of Pearland	Kevin Cole Mayor	Trent Epperson City Manager

City of Sugar Land	Joe Zimmerman Mayor	Suzanne Whatley Council Member, District 1
City of Texas City	Dedrick Johnson Mayor	Jon Branson Executive Director of Management Services
Smaller Cities – Waller County	Joe Garcia Council Member, City of Pattison	Chad Nevasdba Mayor, City of Needville
Smaller Cities – Galveston County/Harris County	Sally Branson Council Member, City of Friendswood	Ross Gordon Council Member, City of Bellaire
Smaller Cities - Montgomery County	John Escoto Mayor, City of Shenandoah	Matthew Dantzer Mayor, City of Magnolia
Brazoria County	Matt Hanks, JD, P.E. County Engineer	David Linder Commissioner, Precinct 4
Chambers County	Ryan Dagley Commissioner, Precinct 4	Tommy Hammond Commissioner, Precinct 3
Fort Bend County	Grady Prestage Commissioner, Precinct 2	Stacy Slawinski, P.E. County Engineer
Galveston County	Robin Armstrong, MD Commissioner, Precinct 4	Joe Giusti Commissioner, Precinct 2
Harris County	Adrian Garcia Commissioner, Precinct 2	Milton Rahman, P.E. Harris County Engineer
Harris County	Lesley Briones Commissioner, Precinct 4	Roberto Treviño, P.E. Executive Director, Harris County Toll Road Authority
Liberty County	Jay H. Knight County Judge	Bruce Karbowski Commissioner, Precinct 1
Montgomery	Mark Keough	Matt Gray

County	County Judge	Commissioner, Precinct 4
Waller County	Justin Beckendorff Commissioner, Precinct 4	Kendric Jones Commissioner, Precinct 3
The Woodlands Township	Dr. Ann Snyder Chair, Board of Directors	Craig Eissler Director
METRO	Elizabeth Gonzalez Brock Chair, Board of Directors	Thomas Jasien Deputy CEO
TxDOT - Beaumont	Martin Gonzalez, P.E. District Engineer	Ana I. Mijares, P.E. Deputy District Engineer
TxDOT - Houston	Glenn Allbritton, P.E. District Engineer	Varuna A. Singh, P.E. Deputy District Engineer
Gulf Coast Rail District	Veronica Chapa-Gorczynski GCRD Board Member	Jon Kenney Mayor, Taylor Lake Village, GCRD Board Member
Port Freeport	Phyllis Saathoff Executive Director/CEO	Rob Lowe Chief Financial Officer
Port Houston	Charlie Jenkins Chief Executive Officer	Kerrick Kenney Chief Government & Public Affairs Officer

Transportation Advisory Committee (TAC) Members

Representing	Primary	Alternate
Active Transportation	Brenda Bustillos, PhD, P.E. Transportation Engineer, TxDOT - Houston District	Lisa Graiff Sr. Capital Projects Manager, Houston Parks Board
Active Transportation	Yuhayna Mahmud Sr. Program Manager, METRO	Luis Guajardo, AICP Director of Planning & Comm. Development, Harris County Precinct 4
Airports	James Brown Airport Director, Conroe N. Houston Regional Airport	Bill Zrioka Senior Project Manager, City of Houston
Business Interests	Amy Skicki President & CEO, BAYTRAN	Scott Harper President, Conroe/Lake Chamber of Commerce
Business Interests	Marlisa Briggs President, North Houston Association	Kris Larson, LPM, AICP President & CEO, Central Houston, Inc.
Citizen Interests	Irma Sanchez President & CEO, Westchase District	Dexter Handy Lt. Colonel USAF, Retired Greater Houston Coalition for Complete Streets
Citizen Interests	Alan Steinberg, Ph.D. President & CEO, West Houston Association	Sherry Weesner, P.E., CPM President, Memorial-Heights TIRZ5
Environmental	Andrea French Executive Director, Scenic Houston	Sue Theiss Director of Advanced Project Development & Environmental, TxDOT - Houston District
Environmental	Scott Nichols Director, Permitting Department, Montgomery County Environmental Health	Shelley Sekula-Gibbs, M.D. Director, Position 5, The Woodlands Township
METRO	Clint Harbert, AICP Vice President, System & Capital Planning	Alan Clark Chief Strategy Officer
Planning	Catherine McCreight Director, District Transportation Planning, TxDOT - Houston District	Jeffrey English, AICP Planner IV, TxDOT - Houston District

Planning	David Wurdlow Assistant Director, PW, City of Houston	Katherine Parker Executive Director, Gulf Coast Rail District
Planning	Marlene Gafrick Senior Advisor for Planning, City of Houston	Christina Cabral Executive Director, TAG Houston
Port of Houston	Rohit Saxena Director, Facility Planning, Port Houston	Candice Armenoff Chief Strategy Officer, Port Houston
Ports	Dean Corgey Vice President, Gulf Coast Seafarers International Union	Rob Lowe Director of Operations, Port Freeport
Regional Planning	Dan Davis Mayor, City of Manvel	Lori Klein Quinn Mayor, City of Tomball
Smaller Cities	Morad Kabiri, P.E., AICP City Manager, City of Friendswood	Jildardo Arias, P.E., CFM Director of Engineering, City of Friendswood
Smaller Cities	Andy Rodgers Deputy City Manager, Mont Belvieu	Brian Winningham City Manager, Mont Belvieu
Smaller Cities	Kathie Reyer City Administrator, City of Shenandoah	Byron Hebert City Administrator, City of Katy
Toll Road	Brian Alcott Assistant Director of Capital Projects & Infrastructure, Harris County Toll Road Authority	Amar Mohite Deputy Director, Capital Planning, Harris County Toll Road Authority
Toll Road	Robert Castaneda Operations Manager, Montgomery County Toll Road Authority	David Gornet Executive Director, Fort Bend County Toll Road Authority
Transit	Ruthanne Haut Deputy Director, Community Services, The Woodlands Township	Todd Stephens Director of Intergovernmental Relations, The Woodlands Township
Transit	Ken Fickes, CCTM	Vernon Chambers

	Director, Office of Transit Services, Harris County Community Services	Assistant Director, RIDES, Harris County Transit
Transit	Peri D'Armond Director, Public Transportation, Fort Bend County	Pamela LeBrane Manager, Finance & Administration, Fort Bend County
TxDOT - Beaumont District	Lisa Collins, P.E. Director of Tr. Planning & Development	Nancy Peron, P.E., PMP Adv. Tr. Planning Director
TxDOT - Houston District	Grady Mapes, P.E. Director of Tr. Planning & Development	Catherine McCreight Director of District Transportation Planning
Brazoria County	Wael Tabara, P.E. Assistant County Engineer	Karen McKinnon, P.E. Assistant County Engineer
Chambers County	Zachery Vogler Engineering Director	Cory Taylor, P.E. County Engineer
Fort Bend County	Stacy Slawinski, P.E. County Engineer	Rick J. Staigle, P.E. First Assistant County Engineer
Galveston County	Michael Shannon, P.E. County Engineer	Nancy Baher, P.E. Assistant County Engineer
Harris County	Patrick Mandapaka, Ph.D., AICP Director of Community Resilience & Trans. Planning	Kristian Heighway Assistant Director, Traffic Engineering & Operations
Liberty County	Hon. Jay Knight County Judge	Hon. Greg Arthur Commissioner, Pct. 2
Montgomery County	Jason Smith Deputy Chief of Staff	Thomas Woolley Director of Engineering
Waller County	Ross McCall, P.E. County Engineer	Luke Fortkamp, P.E. Assistant County Engineer
City of Baytown	Brant Gary Assistant City Manager	Martin Scribner Director of Planning & Development Services
City of Conroe	Greg Hall, Jr. Assistant Director, Public Works	Chuck Purvis Assistant Director, Community Development

City of Galveston	Robert Winiecke, P.E., CFM Director of Public Works	Brandon Cook Assistant City Manager-Development & Municipal Services
City of Houston	Fabio Capillo Assistant Director, Transportation & Drainage Operations	Johana Clark, P.E., PTOE, ENV SP Deputy City Engineer, Houston Public Works
City of League City	Christopher Sims Director of Engineering	Cara Davis Assistant Director, Project Management
City of Missouri City	Marcus Snell, P.E., CFM Assistant City Engineer	Joi Johnson Assistant Director of Public Works
City of Pasadena	Sarah Benavides Engineer & Sr. Assist. PW Director	Mark Gardemal, P.E. Engineer, Deputy Director, Public Works
City of Pearland	Lorenzo Wingate Director of Engineering & PW	Fabiola DeCarvalho, CFM, AMP, MIAM Assistant Director of Capital Projects
City of Sugar Land	Melanie Beaman Transportation & Mobility Coord.	Vacant
City of Texas City	Kim Golden, P.E. City Engineer	Jack Haralson, P.E. Engineer, Public Works

Houston-Galveston Area Council Transportation Department

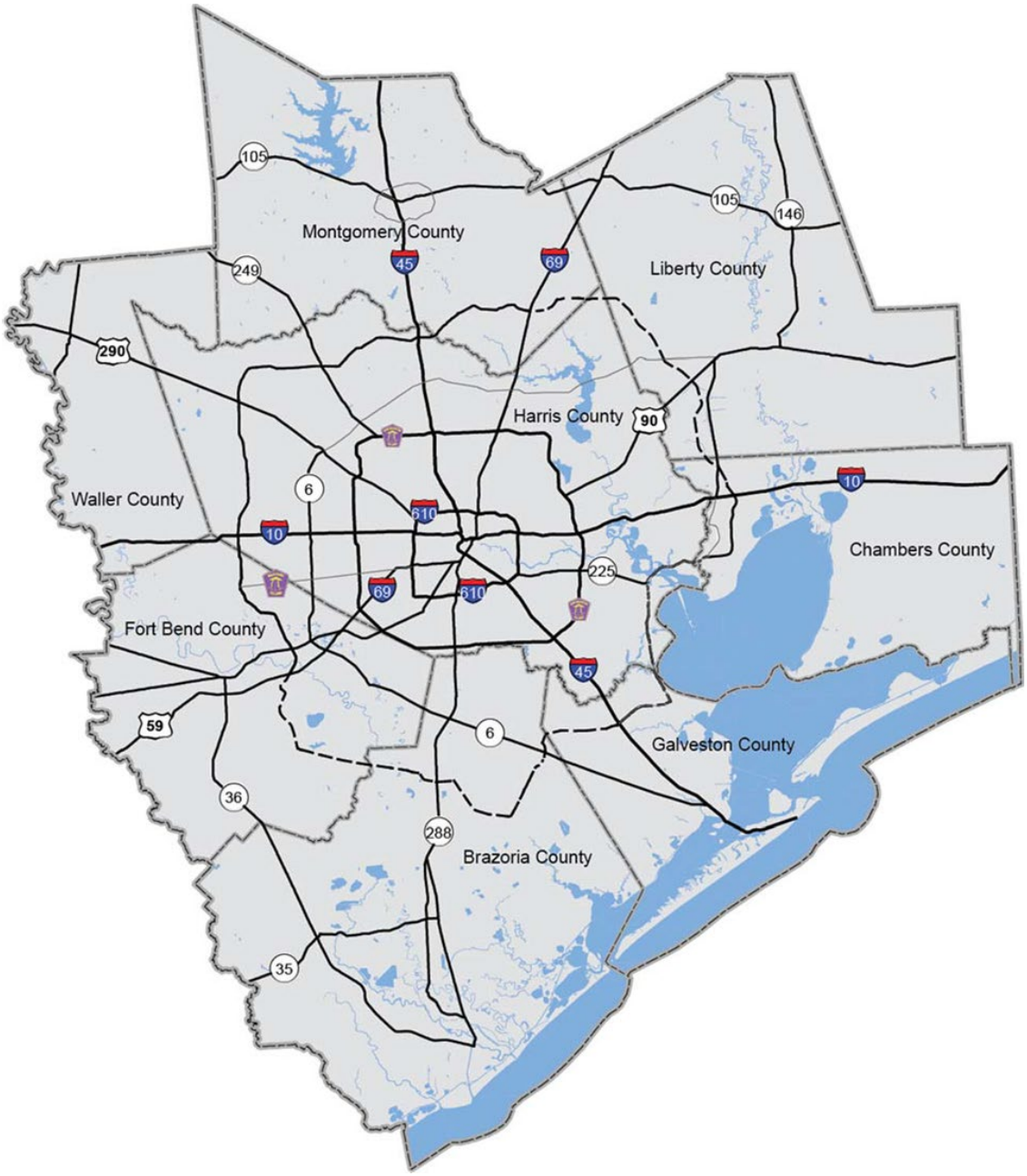
Job Title	Name
Chief Transportation Officer	Ron Papsdorf
Assistant Director	Jamila Owens
Assistant Director	Allie Isbell
Senior Manager	Neely Kim
Manager	Andrew DeCandis
Manager	Callie Barnes
Manager	Marcus Tucker
Manager	Monique Johnson
Manager	Vishu Lingala
Manager	Susan Jaworski
Principal Planner	Alan Rodenstein
Principal Planner	Ben Finley
Principal Planner	Brandon Mosley
Principal Planner	Brian Smith
Principal Planner	Francis Rodriquez
Principal Planner	Margaret Isied
Principal Planner	Pharr Andrews
Principal Planner	Sagnik Raha
Principal Planner	Stephen Keen
Principal Planner	Thomas Gray
Principal Planner	Carlene Mullins
Principal Program Coordinator	Robyn Egbert
Principal Compliance Coordinator	Diane Domagas
Program Coordinator	Catherine Gray
Senior Coordinator	Allison Wahl
Senior Coordinator	Eddie Chinea
Senior Planner	Florence Buaku
Senior Planner	Jim Dickinson
Senior Planner	Karen Owens
Senior Planner	Keehren Baah
Senior Planner	Qun Zhao
Senior Planner	Saara Chaudry
Senior Planner	Sydni Ligons
Senior Planner	Yetunde Oyewale
Senior Planner	Caroline Bailey
Senior Planner	Bennie Chambers
Senior Planner	Ayo Jibowu
Senior Program Coordinator	Eric Pacheco
Senior Program Coordinator	Lucinda Martinez

Senior Program Coordinator	Veronica Waller
Senior Program Coordinator	Emanuel Andrews
Senior Program Coordinator	Mary Schneider
Senior Analyst	Aquina Grover
Program Coordinator	Carlos Lugo
Project Coordinator	Greg Seal
Project Coordinator	Jackie Pittman
Planner	Ariane Martins
Planner	Chris Whaley
Planner	Larry Meyer
Planner	Rania Mohamed
Planner	Rodney Sigua
Planner	Rosa Harris
Administrative Assistant	Cassandra Marshall
Planner Specialist	Vincent Polignano
Contract Specialist	Gloria Brown

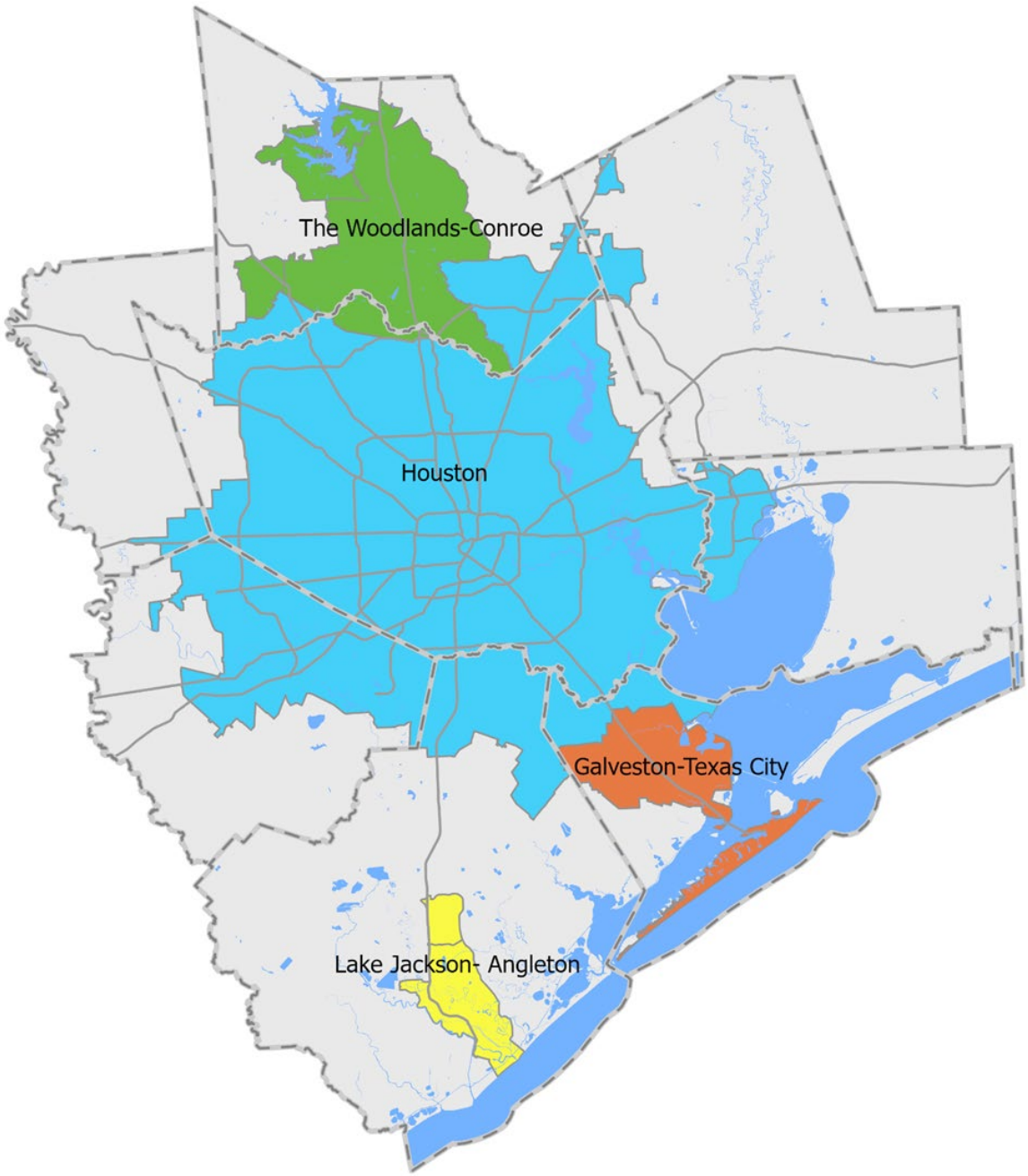
APPENDIX B

Note: The Houston-Galveston Metropolitan Planning Organization was most recently redesignated by agreement between the Governor and the Houston-Galveston Area Council on September 9, 1988)

Metropolitan Planning Area Boundary Map



Urbanized Area Boundaries within Metropolitan Planning Area



APPENDIX C

Debarment Certification

(Negotiated Contracts)

(1) The Houston-Galveston Metropolitan Planning Organization as **CONTRACTOR** certifies to the best of its knowledge and belief that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency;

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public* transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity* with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions* terminated for cause or default.

(2) Where the **CONTRACTOR** is unable to certify to any of the statements in this certification, such **CONTRACTOR** shall attach an explanation to this certification.

**federal, state or local*

Commissioner Justin Beckendorf, Waller County
Transportation Policy Council-Chair
Houston-Galveston Metropolitan Planning Organization

6/27/2025
6/27/2025

APPENDIX D

Lobbying Certification

The undersigned certifies to the best of their knowledge and belief, that:

(1) No federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Commissioner Justin Beckendorf, Waller County
Transportation Policy Council-Chair
Houston-Galveston Metropolitan Planning Organization

6/27/2025
6/27/2025

APPENDIX E

Certification of Contract and Procurement Procedures Compliance

I, Justin Beckendorf, Chairman,

a duly authorized officer/representative of Houston-Galveston Metropolitan Planning Organization

do hereby certify that the contract and procurement procedures that are in effect and used by the forenamed MPO are in compliance with 2 CFR §200, "Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards," as it may be revised or superseded.

Commissioner Justin Beckendorf, Waller County
Transportation Policy Council-Chair
Houston-Galveston Metropolitan Planning Organization

6/27/2025
6/27/2025

Attest:

Lesley Briones
Transportation Policy Council-Secretary

APPENDIX F

Certification of Internal Ethics and Compliance Program

I, Justin Beckendorf, Chairman

a duly authorized officer/representative of Houston-Galveston Metropolitan Planning Organization

do hereby certify that the forenamed MPO has adopted and does enforce an internal ethics and compliance program that is designed to detect and prevent violations of law, including regulations and ethical standards applicable to this entity or its officers or employees and that the internal ethics and compliance program satisfies the requirements of 43 TAC § 31.39 "Required Internal Ethics and Compliance Program" and 43 TAC § 10.51 "Internal Ethics and Compliance Program" as it may be revised or superseded.

Commissioner Justin Beckendorf, Waller County
Transportation Policy Council-Chair
Houston-Galveston Metropolitan Planning Organization

6/27/2025
6/27/2025

Attest:

Lesley Briones
Transportation Policy Council-Secretary

APPENDIX G

Amendment Summary

Houston Galveston Area Council MPO

FY 2026 and 2027 UPWP Amendment Summary

Policy Board Action DATE	Federal Approval DATE	UPWP Amendment Resolution Number	UPWP Page #(s)	CIV Reporting– DBE Goal	UPWP Amendment Summary