

5A. SUMMARY OF TRANSPORTATION PLANNING ACTIVITIES

LONG RANGE PLANNING

Subregional Planning Initiatives (SPI)

- Friendswood Parkway Corridor Study: The closeout letter has been submitted to TxDOT, and administrative closeout activities are underway. More information is available on the project website at <https://engage.h-gac.com/friendswood-parkway>.
- Friendswood Active Transportation Plan: The consultant has submitted the final deliverables, which are currently under review by H-GAC. Comments will be provided to the consultant as needed, and the project will proceed toward final acceptance upon completion of the review process. More information is available on the project website at <https://engage.h-gac.com/friendswood-active-transportation-plan>.
- Buffalo Bayou East Concept Study: Staff are in the process of closing out this study. More information is available on the project website at <https://engage.h-gac.com/buffalo-bayou-east-design-concept>.
- Liberty County Thoroughfare Plan: The second stakeholder workshop has been scheduled for July 27, 2026. The workshop will focus on reviewing the draft Thoroughfare Plan, including the proposed roadway network, functional classifications, and related plan elements. More information is available on the project website at <https://engage.h-gac.com/liberty-county-thoroughfare-plan>.
- Montgomery County Mobility Plan: Data analysis is currently underway, and the Montgomery County Mobility Hub interactive map has been developed. Social media posts were shared to promote the community survey and upcoming public meetings. The second Steering Committee meeting is scheduled for August 26, 2026. More information is available on the project website at <https://engage.h-gac.com/montgomery-county-mobility-plan>.
- North Houston Communities Transportation Priorities Plan (NHCTPP): The consultant team is actively refining the interactive dashboard to summarize existing conditions within the study area. The second public meeting is anticipated for Fall 2026. The Needs Assessment Memo is underway. The focus group interviews are ongoing through July 2026. More information is available on the project website at <https://engage.h-gac.com/nhctpp>.
- Needville Mobility Plan: The second Steering Committee meeting is anticipated for August/September 2026. The needs assessment and scenario modeling memo are underway. The first survey is currently active. More information is available on the project website at <https://engage.h-gac.com/city-of-needville-mobility-plan>.
- Waller County Thoroughfare Plan Update: The first stakeholder workshop was held on May 12, 2026, at the Waller County Courthouse Training Room. H-GAC has been compiling and reviewing the feedback received during the workshop and is currently analyzing additional transportation and land use data. The information gathered will be used to refine the draft Thoroughfare Plan and support the development of future transportation recommendations. The draft Thoroughfare Plan is currently under development. More information is available on the project website at <https://engage.h-gac.com/waller-county-thoroughfare-plan>.
- Galveston County Thoroughfare Plan: The first stakeholder workshop is scheduled for August 5, 2026, and the workshop location has been secured. Invitations have been distributed to stakeholders. Staff are currently preparing workshop materials and activities while continuing development of the thoroughfare base map and the Existing Conditions. More information is available on the project website at <https://engage.h-gac.com/galveston-county-thoroughfare-plan>.
- Regional Complete Streets Planning Guide (RCSPG): The project was presented to the Board of Directors for approval to negotiate a consultant contract on June 16. The consultant is working on

finalizing the Scope of Work and completing the Pre-Award Audit Forms and Contract Approval process.

- Call for Subregional Planning Requests: Staff anticipate opening the Call for Subregional Planning Requests in August 2026, following the Regional Transportation Plan Call for Projects.

Regional Transportation Plan (RTP)

- RTP2050 Existing conditions report finalized by staff.
- RTP Staff collaborated with Transit Staff to discuss commuter rail in H-GAC's regional public transportation coordination plan.
- Staff met with internal working group to refine Call for Projects questions and evaluation criteria for RTP2050.
- Staff conducted the RTP Subcommittee meeting on Tuesday, May 12, 2026.
- Staff refined and presented RTP2050 Call for Projects questions and evaluation criteria to the RTP Subcommittee.
- Staff met with Center for Houston's Future to review and discuss the Vision 2050 framework they have created.
- Staff collaborated with Congestion Management Plan team to form a steering committee.
- Staff hosted kick-off meeting with Consultant for RTP2050.
- Staff updated the RTP.com website and the RTP2050 Engage page with Call for Projects submission portal.
- Staff notified stakeholders about the opening of the Call for Projects on June 1, via email May 29 (announcing call for projects and two office hours sessions - in June and in July).
- Additional emails sent June 5 to promote June office hours sessions and June 24, July 1 and July 6 eblasts to promote July office hours session.
- Promotion of the July office hours session and call for projects occurred in the July edition of H-GAC's external newsletter, the Regional Focus, which was distributed on July 7.
- The last reminder email for the call for projects deadline was sent on July 13.

Safety Planning

- Staff performed preliminary severe and fatal crash data analysis on local roads in 8 county area (20000+ severe and fatal crashes datapoints from 2021 to 2025)
- Staff studied procurement process and requirements in preparation for starting a procurement and RFP for Local Road Safety Plans
- Staff discussed extension of funding deadlines and LRSP tasks updates with AFA 634 funding manager
- Staff conducted the TSC Subcommittee meeting on Tuesday, June 23, 2026.
- Staff are currently preparing materials and planning the next TSC Subcommittee meeting scheduled for August 25, 2026.
- The sub-consultant presented the dashboard demo to the TSC during the June meeting and solicited feedback.
- The consultant team continued monthly collaboration with the internal team on content development and quality assurance for the interactive crash dashboard tool.
- The second round of SAP public meetings has been scheduled for July and August. More information is available on the project website at <https://engage.h-gac.com/safety-action-plans>
- The consultant team analyzed feedback received during the Safety Task Force Meeting #3. The information gathered was used to develop recommendations for ranking during the Safety Action Plan (SAP) final round of public meetings.

Freight Planning

- The next Greater Houston Freight Committee meeting will be held on August 27, 2026. At this meeting, we will hear an update on activities for Texas City Port, followed by a panel discussion: How Global Disruptions Are Positively Impacting Houston's Oil & Gas Manufacturing and Supply Chain.
 - Meeting registration Link - [HGAC Greater Houston Freight Committee August 27th, 2026 – Fill out form](#)
 - For more information, please contact Sydni Ligons at Sydni.Ligons@h-gac.com.
- Freight Grade Separation Program: The project is currently under review by Procurement, awaiting the release of the RFP to solicit a consultant.
 - Call for Grade Separation Projects: Staff anticipates opening the Call for Grade Separation Feasibility Requests in August 2026, following the Regional Transportation Plan and Subregional Planning Calls for Projects.
- SS 197 Grade Separation Feasibility Study: The project is currently under review by Procurement, awaiting the release of the RFP to solicit a consultant.

Pedestrian and Bicyclist Planning

- Scoring of the questionnaire submissions for the Transportation Alternatives Set-Aside (TASA) call for projects continues. H-GAC staff are coordinating internally to prepare for the benefit-cost analysis phase of the process which will be the next step in the process.
- H-GAC staff are preparing for the July quarterly meeting of the Standing Committee on Active Transportation (formerly the Pedestrian/Bicyclist Subcommittee). Planned presentations include a final update on the Friendswood Active Transportation Plan and an introductory overview of the Regional Active Transportation Plan (RATP).
- A kickoff meeting for the Regional Active Transportation Plan was held with Jacobs Engineering, the direct consultant for the project, and all 4 sub-consultants on Monday, June 22nd. An invoice training for the same parties was held on Monday, June 29th. Jacobs has submitted a Project Management Plan (PMP) and a Gantt Chart for review by H-GAC staff.

Resiliency Planning

- Staff is amending the scope of work for the PROTECT Regional Resiliency Plan and working on initiating procurement before the end of August 2026.

SHORT TERM PLANNING

Project Programming

- Staff coordinated with project sponsors on TIP amendment requests.
- Staff participated in weekly project update meetings and database development workshops with project database developers.
- Coordinated with transportation conformity consultation partner on transportation conformity review and concurrence on transportation conformity determination for 2045 RTP amendment approved by the TPC in October 2025.

Project Delivery-Tracking and Monitoring

- Staff conducted quarterly meetings with local government agencies regarding projects included in the 4-Year Transportation Improvement Program (TIP). This work involves assessing overall project health—specifically identifying critical path and high-risk items—and reviewing project schedules and costs.
- Staff prepared meeting minutes for each quarterly meeting conducted and worked on action/follow up items.
- Staff worked on creating a Smart Form of the Risk Register for ease of use for project sponsors and for staff viewing. Staff will be inputting all 2027-2030 TIP Projects in the Smart Form. Additionally, staff is researching workflow improvements to schedule tracking and meeting tracking for each project and sponsor.
- Staff created a usable database for the Project Delivery team for the newly approved 2027-2030 TIP
- Staff is working on the RFQ for the Transportation Project Delivery Plan

AIR QUALITY

Air Quality Planning

- July 2026 – The Climate Pollution Reduction Grant (CPRG) program has continued advancing from planning into implementation of the Regional Clean Air Action Plan (CAAP). Building on the outreach and engagement work completed earlier this year, staff are now focusing on mapping and inventorying implementation partners and activities across the region, including local governments, schools, businesses, nonprofits, and other organizations that can help implement strategies identified in the CAAP Opportunity Menus. In parallel, H-GAC is developing a regional implementation tracking framework that will establish key performance indicators, document partner commitments, and measure progress toward cleaner air, reduced emissions, and improved public health outcomes across the 13-county region. Outreach efforts continue through community engagement activities, stakeholder presentations, and coordination with regional partners to expand awareness of implementation opportunities and build long-term implementation capacity.
- July 2026 – Planning for the 2026 Air Quality Summit continues to advance as preparations move into the event logistics and agenda programming phase. Staff are refining the agenda, coordinating with keynote speakers and panelists, reviewing catering proposals, and preparing a walkthrough of the University of Houston Alumni Center ahead of the October 8 event. This year's summit will emphasize implementation of the Clean Air Action Plan, showcase emerging air quality tools and regional success stories, and highlight opportunities for cross-sector collaboration. H-GAC is also finalizing website updates, registration planning, and exhibitor opportunities designed to support the long-term sustainability of the summit while maintaining accessibility for students, nonprofits, and community participants through potential fee waivers (UPWP Subtask 3.3.a).
- H-GAC staff have continued to work on updating air quality focused public information using the Air Quality Program narrative that was written in support of the 2050 Regional Transportation Plan as a basis. The Air Quality Program narrative has been carefully reviewed to identify potential areas for elaboration and to begin developing a working outline for the report. This month, staff will complete development of the draft outline, propose a name for the report, and solicit feedback from management (UPWP Subtask 3.3.a).
- Staff coordination with H-GAC's procurement team to publish the Zero-Emission Vehicle Infrastructure Plan RFP continues. All necessary materials have been provided to the H-GAC procurement team, and staff will continue to offer support as the final RFP is prepared, reviewed, and eventually published. Staff anticipate beginning work on this project near the end of CY2026 (UPWP Subtask 5.5.b).

- Staff continue to work on a regional air quality data platform to consolidate regional pollutant measurements from a variety of sources (regulatory, non-regulatory, and low-cost sensor networks). Staff are currently coordinating a data sharing arrangement with the Houston Health Department. Harris County Pollution Control Services AQ data has been added to the platform. Once complete, the two largest regional low-cost sensor networks' inclusion on the platform will help in efforts to engage our smaller networks to consider sharing their data. Staff are preparing the copy necessary to populate an ESRI StoryMap to aid in understanding the tool and data. Topics such as pollutants 101, discussion of instrumentation, individual protective measures, etc. (UPWP Subtask 3.3.a).
- For the TCEQ Rider 7 Project, staff: i) submitted the quarterly QPR and FSR to TCEQ and continued coordination with TCEQ on project reporting and implementation requirements; ii) advanced procurement for the 2026-2027 Rider 7 project by posting the RFP online, holding the public meeting, and responding to questions submitted through the online Q&A process; and iii) continued project implementation with AECOM, including coordination on technical tasks currently underway, scope refinement, implementation planning, and alignment of monitoring and analysis components (UPWP Subtask 3.3.c).
- Staff continued development of the Regional Air Quality Emissions Inventory Framework, with this month's efforts focused on: i) integrating H-GAC's mobile source emissions inventory with the recently released EPA National Emissions Inventory (NEI); ii) initiating refinement of the framework's spatial and temporal resolution to support more detailed regional emissions analysis; and iii) developing technical specifications for selected use cases that will demonstrate the framework's capabilities for regional air quality planning and analysis (UPWP Subtask 3.3.c).
- Staff continued development of the health impact assessment framework, with this month's efforts focused on: i) developing a technical guideline for a repeatable planning-scale health impact assessment; ii) preparing an abstract and presentation materials and attending meetings to receive feedback on the framework; and iii) exploring additional tools, including remote sensing and machine learning, to support exposure characterization, spatial refinement, and scenario evaluation (UPWP Subtask 3.3.c).

Transportation Conformity

- H-GAC has received concurrence letters from all consultative partners for the 2025 Transportation Conformity process and continues preparations for the 2026 Transportation Conformity process, which is due to kick off early this fall (UPWP Subtask 3.3.b):
 - After receiving follow-up comments from FHWA on May 29, 2026, H-GAC staff revised the conformity report and project listing and transmitted responses for all comments received to interagency partners on June 9, 2026. Further individual conversations with FHWA led to final revisions which were transmitted to all interagency partners on June 23, 2026, and deemed adequate by FHWA the following day. Concurrence letters were received from the TCEQ and TxDOT on June 25, 2026; from the U.S. EPA on June 30, 2026; and from the U.S. DOT on July 1, 2026.
 - H-GAC staff have begun working on the timeline for the 2026 Transportation Conformity in collaboration with the RTP 2050, TIP, and modeling teams. Simultaneously, staff have conducted the first one-on-one meeting with an interagency partner as part of ongoing efficiency improvement efforts. This meeting with the U.S. EPA was to discuss the selection of analysis years in support of the TDM and MOVES modeling teams as they work to develop the necessary input and output files for analysis this fall. This month, staff will continue to work with other teams at H-GAC to support the RTP 2050, the TIP, and to prepare for the next conformity kickoff.

Clean Vehicles Grant Programs

- Staff have not yet received acceptable language from the OEM associated with a proposed truck replacement application regarding the Build America / Buy America (BABA) self-certification. Staff have decided to move forward with the application; however, the project will be limited to two truck replacements at this time. This will utilize two of the three remaining BABA waivers. The applicant may have the opportunity to reapply for additional replacements in the future, subject to replacement eligibility and OEM signature on the BABA self-certification document.
 - The application is expected to be submitted to the H-GAC Policy Board for approval.
- Staff have decided to proceed with another truck replacement application, utilizing the third BABA waiver if the applicant is unable to obtain OEM signature on the BABA self-certification. The applicant is currently searching for another replacement truck, as the truck included in the original estimate has been sold.
- Staff received a call from a potential applicant and will be following up regarding possible participation. Staff anticipate first encouraging the use of the BABA self-certification form. However, if that option is not viable, the remaining fourth BABA waiver may be used.
- Staff communicated with a potential program participant to maintain the relationship and position them to move through the program once the TxDOT AFA funding the Clean Vehicles Program transitions to the new AFA.
- Staff were contacted by a potential applicant regarding the possibility of a large truck replacement project involving more than 10 trucks. Staff anticipate that the replacement vehicles may include CNG/RNG and/or hydrogen-fueled trucks.
- Staff provided a potential electric school bus project partner with an update on the status of the program opening. The partner indicated that several ISDs in the region are ready to replace buses with electric buses once the TxDOT AFA funding the Clean Vehicles Program transitions to the new AFA.
- Staff have concluded internal coordination meetings focused on streamlining processes and have continued working to align outreach strategies and update program guidelines. Streamlined practices and updated guidance are being incorporated into program templates.
- Staff held internal meetings to discuss the pros and cons of incorporating a voucher-system approach into the Clean Vehicles Program. Staff determined that the timing for incorporating this approach into the current AFA has passed; however, the concept has sufficient merit to be considered while structuring the next AFA.
- Staff continue to evaluate policies related to determining grant amounts. Issues under consideration include:
 - 1) shifting the focus to a percentage table based on total project cost, rather than applying caps based on NOx reductions;
 - 2) adjusting the grant amount determination process to encourage participation by Disadvantaged Business Enterprises (DBEs) and the use of alternative-fueled vehicles;
 - 3) retrieving a direct cost fee from the subrecipient; and
 - 4) determining appropriate grant amounts for alternative fuel infrastructure projects.
- Staff continue to participate in a port-led trucking industry collaborative focused on helping drayage operators transition to alternative fuel trucks.

Houston-Galveston Clean Cities Coalition

- The Vice Chair, Mr. Eddie Murray of Freedom CNG, has retired and has therefore effectively resigned from his position with the Coalition. The Chair, Mr. Vincent Sanders of Houston Metro, has suggested that this may be an appropriate time for him to transition out of the Chair position, which he has held since the last redesignation in 2023. Staff are grateful for the service and contributions of Mr. Sanders and Mr. Murray.
- Staff updated the Houston Clean Cities website with summary materials from the 2026 Q2 Stakeholder Meeting and issued an email to more than 400 stakeholders notifying them that the website had been updated.
 - Staff have also performed an internal audit of the website and identified areas needing improvement. Staff will continue the audit while consulting with other H-GAC staff regarding possible restructuring and ongoing website maintenance responsibilities.
- Staff have completed updates to the Stakeholder Contacts Database.
 - Staff are now assisting an Air Quality intern with a GIS project to identify geographical gaps where there may be low or no stakeholder representation.
- Staff attended a meet-and-greet event hosted by the Quebec Government Office in Houston. The event provided Staff an opportunity to establish connections with several Canadian-based businesses that have fleets in the region, as well as with the President of the Port of Texas City.
 - Staff also coordinated a meeting for the Quebec Delegate and staff to meet with H-GAC administration.
- Staff met with a contact who suggested that the “Make It in America” program has begun creating a database of BABA-compliant vehicles and equipment, and that access may be available through the Clean Cities and Communities program.
 - Staff posted a request to the Clean Cities and Communities Forum seeking confirmation as to whether the BABA database is being developed and, if so, whether access may be granted.
- Staff continue to participate in the Port of Houston Authority’s Trucking Industry Collaborative (TIC), a port-led initiative focused on helping drayage operators transition to alternative fuel trucks.
- Staff continue to coordinate with other Texas coalition staff to support statewide initiatives and share best practices.
- Staff also continue to coordinate with staff from the South Central Coalition, DOE’s regional structure, to advance regional and national clean transportation efforts.
- Continuation of a recurring social media campaign across all platforms, with six posts published since April to promote the Clean Air Action Plan and increase public awareness.
- Clean Air, Healthy Communities column titled “Small Changes, Cleaner Air,” was included in the H-GAC external newsletter, Regional Focus, which was distributed on July 7.

MPO PROGRAMS

Incident Management/Tow and Go

- Staff conducted the monthly Tow and Go Ops Meeting on June 3, 2026, to discuss program operations, coordination efforts, and ongoing initiatives.
- Staff attended the Traffic Incident Management (TIM) Meeting on June 11, 2026, collaborating with regional transportation and public safety partners to discuss incident management strategies, roadway clearance, and interagency coordination.
- Staff conducted outreach and partnership-building activities through participation in the United Way Fort Bend CONNECT Meeting on June 12, 2026. Fort Bend CONNECT is a collaborative network of nonprofit organizations, government agencies, and faith-based organizations that coordinate social services and community resources throughout Fort Bend County.

- Staff reviewed existing contracts in preparation for the FY 2027 budget planning process, ensuring alignment with program needs and future funding requirements.

Transit Planning

- The Regional Transit Coordination Subcommittee held its regular quarterly meeting on July 9, 2026.
- The Regional Bus Study is progressing as expected. The consultant has delivered draft Technical Memorandums for Task 3 and 4 that H-GAC has reviewed and returned for further editing. The project survey remains open to the public at <https://engage.h-gac.com/regional-bus-study> through the end of July.
- The Regional Bus Transit study survey was promoted in the H-GAC external newsletter, Regional Focus, distributed on July 7, as well as in the Commute Solutions newsletter, Metropolitan Planning Outlook, issues on July 6.

Teen Drivers Education and Outreach Program:

Outreach Strategists remains on track and is currently in the follow-up with school district contacts. Outreach efforts are expected to gain momentum as follow-up activities resume. Sheldon ISD is anticipated to finalize scheduling for the three schools that have committed to participate.

Youth Traffic Safety Education and Outreach Program:

Texas Children's Hospital contract has been entered into Gatekeeper. It is currently in the process of obtaining all required signatures.

Regional Safety Campaign/Freight Safety Campaign:

The Freight Safety Campaign remains on schedule, and staff will continue to review and address any action item such as readiness and finalize the expected August launch timeline.

Hurricane Evacuation

A social media post was shared to promote hurricane preparedness. Paid media promotion has begun throughout the region.

Intelligent Transportation Systems and TSMO Planning:

No report

TITLE VI/LANGUAGE ACCESS

Staff are making steady progress implementing the new MPO Title VI Workplan. Current activities include documenting approved elements of the workplan in the Asana project management platform to organize and track the progress of each task. A key milestone is the development of document translation guidelines that provide consistent criteria for determining when MPO materials require translation. These guidelines align with the Language Access Plan (LAP) and federal requirements for vital documents. Next steps include identifying existing public-facing MPO documents to assess their qualification for translation into H-GAC's safe-harbor languages: Spanish, Vietnamese, and Chinese. Once this assessment is complete, documents will be prioritized based on their criticality to public participation and access to important programs and services.

Congestion Management Process

Organic and paid social media series are ongoing with paid ads set to end July 15 when the CMP survey closed. The survey was promoted in the June 7 edition of the Regional Focus, H-GAC's external newsletter. In addition, dedicated eblasts were sent on June 22 and July 7 to help bolster survey completion. The survey

was also promoted in the Commute Solutions newsletter, titled “Metropolitan Planning. The survey yielded 457 responses when it closed on August 15.

The CMP public meetings (in person and virtual) and survey were promoted through eblasts sent on: June 8, June 2, June 3, June 8, June 10, June 16, and June 22. The second phase of public meetings are scheduled for August 12 and 13 which will discuss plan findings and recommendations from the CMP plan.

The fourth Steering Committee was held on July 13 and included:

- Discussion of the the most congested segments in the region that include 35 segments that fall within the most congested roadways in Texas
- Overall trends in congestion with the CMP Network measuring systemwide changes from 2019 to 2025.
- A review of the completed TIP projects that showed the changes for roadway projects on several factors to gauge the impact of completed roadways segments on congestion within those segments.
- Discussion of a data driven analysis of recommended additions to the CMP Network was also included. Several currently off roadway segments that show high levels of congestion.
- A three-hour CMP Steering Committee in person morning workshop is scheduled for August 10 to discuss the proposed expanded CMP map, an update of public involvement with the completion of Phase 1 public involvement and the survey results. We will discuss public meeting feedback and comments related to the survey. Proposed additions to existing performance measures beyond those required by the US Department of Transportation.

Travel Demand Management | Commute Solutions

- Commute Solutions and Love to Ride created a Bike Month campaign report which was presented to stakeholders and will be shared at the next Ped-Bike Subcommittee meeting. Included in the report are perspectives that will help with planning the upcoming Biketober campaign, which has already begun.
- Staff was invited to the RCTS meeting to share updates to the Commuter and Transit Pilot program including available funding and matching requirements, eligibility, and schedule milestones.
- Increased Commute Solutions’ social media presence to highlight anticipated high-traffic days surrounding the FIFA World Cup tournament, generating strong reshares, reposts, and engagement while further positioning Commute Solutions as a regional transportation leader.
- Engaged in the statewide autonomous vehicle initiative by attending panel discussions and learning from industry leaders to stay informed on emerging technologies and regional mobility opportunities.
- Staff continued to engage in over 30 outreach events with regional partners, elected officials, and the business community to strengthen relationships and expand awareness of the Commute Solutions program
- Increased Commute Solutions’ social media activity in June through the Commute Game Plan campaign, doubling impressions and engagements across Instagram, X, and LinkedIn with 10 posts and more than 26,000 total impressions and engagements. It was imperative that Commute Solutions led the charge on informing the MPO region of upcoming high-traffic days
- The second edition of the Commute Solutions newsletter, Metropolitan Planning Outlook, was sent on July 6
- Staff participated in an NPR Marketplace radio segment to highlight Commute Solutions’ role in supporting regional mobility and transportation options during FIFA World Cup
- As anticipated, regional media coverage began winding down in June following our intensive, high-velocity promotional runway throughout April and May.

- NPR Marketplace – [World Cup host cities promoting WFH ahead of matchday gridlock](#) (Inbound Request)
 - June 8, 2026
 - Serves as the ultimate validation of our spring campaign. Rather than localized traffic reporting, H-GAC's framework was elevated to a national stage, benchmarking Houston's commuter readiness strategy against other World Cup host cities. The placement directly highlighted our core messaging: urging businesses to leverage flexible work arrangements (WFH) to mitigate extreme matchday congestion.

TRAVEL DEMAND MODELING & FORECASTING

Staff continues to provide travel demand and forecasting modeling to support the Regional Transportation Plan (RTP), Transportation Improvement Programs (TIP), the FIFA 2026 World Cup Transportation Scenario Planning and other traffic and travel related data developments, and analysis within the H-GAC MPO region that supports regional, sub-regional and corridor studies, air quality analysis, determination and conformation. These include modeling support for TxDOT and non-TxDOT projects such as:

TxDOT Projects Support:

- **36A South Corridor Study** – Project coordination meeting between TxDOT and TxDOT's consultant. Development of three identified alternatives on-going.
- **36A North Corridor Study** - Demographic data requirement update and 2045 No-Build model completed.

SH-99 Segment C Growth Projection - Model runs for 2023, 2030, and 2045 No-Build, Full-Build, and C1-Build scenarios, demographic data for 2030 and 2045 updated.

Grand Parkway Model Run - Additional model runs and post processing for 2035 using the updated truck tables and network assumptions.

- **South Lake Houston Parkway Extension** – Conducted 2023 base-year model review and sensitivity testing against available traffic count, updated household population and employment inputs by TAZ, prepared 2030 model with 2035 demographics and 2045 model with 2050 demographics for both Build and No-Build scenarios.
- **RRD Hirsch TMC Support - Additional** - Additional turning movement count support for RRD Hirsch project, reviewed the requested intersections and prepared model outputs to support the additional TMC analysis.

Harris County Projects

- **Memorial Loop Drive / Washington Avenue Access Study** - Access study, prepared the 2045 No-Build condition and reviewed the requested access alternatives.

- **TGC/Harris County Precinct 4 Mobility Planning** - Mobility planning work for TGC/Harris County Precinct 4, reviewing the data and model output needs and preparing available TDM-related information to support the study.
- **Harris County Transportation Master Plan TDM Support** - Supports for on-going Harris County Transportation Master Plan.

Harris County Toll Authority (HCTRA)

- **Hardy Downtown Connector Program**
This additional request from AIG involved transit line updates. We re-ran the 2045 scenarios with the IAH BRT and METRO Red Line extension removed. Model outputs have been shared with AIG.
- **H-GAC Transportation Department (Internal Request)**
 - **CMP Modeling Support - Continue** support for the CMP network and performance measure review, reviewing candidate CMP network additions, checking model-based congestion measures, reviewing maps and slides, and providing technical feedback for internal and consultant discussions.
 - **Montgomery County Mobility Plan** - Support for Montgomery County Mobility Plan, reviewing three scenarios and coding network accordingly.
 - **CMA on TIP Projects – support for** congestion mitigation analysis for TIP added-capacity projects. This work includes reviewing project information, preparing model-based performance measures, and supporting the CMA documentation process.
 - **Air Quality Model Test** - Initiated the TTI Utility Testing using the updated H-GAC TDM outputs, currently preparing the TDM data based on TTI's request list, including the required model outputs and supporting files, and will continue QA/QC as the testing process moves forward.
 - **Waller County Thoroughfare Plan** - Support for Waller County Thoroughfare Plan, reviewing the available TDM network, demographic data, and related model outputs to support the planning analysis.
 - **City of Needville Mobility Plan** - Data support request for the subregional, provided available model outputs and planning data to support the City of Needville Mobility Plan, including loaded network information, OD-related data, and demographic inputs as needed.
 - **Fairmont Parkway DVMT Query – Support** querying DVMT-related information for Fairmont Parkway, reviewed the available network and model output data and prepared the requested DVMT information for internal use.
 - **PM3 Technical Support:** Created performance measure trendline plots. Reviewed NPMRDS and FHWA documentations and recalculated PHED trendline using 2020 Census 5-year estimate. Target setup discussion with the transportation department and the other MPOs.

- **Harris County Toll Road Authority (HECTRA)**
 - **Hardy Downtown Connector Program** - Supports the Hardy Downtown Connector Program, completing two additional modeling scenarios based on the specific previous runs.
- **Travel Demand Model (TDM)/Conformity/RTP/TIP Supports:**
 - Reviewed and confirmed the receipt of all deliverables.
 - Continue with the development of the University sub-model components in-house.
 - Advance Transportation Scenario Planning Tools development, coordinates with consultant team, TxDOT and H-GAC internal team staff through meetings, workshops, reviewing and updating highway performance forecast scripts.
 - Work with REMI staff to develop emission calculation methodology for H-GAC Tow and GO and Rail Roads' crossings projects
 - Continue aiding in FHWA conformity review with the H-GAC Transportation Planning Team
 - Amendment/new TIP adjustment to the RTP Projects tables to support H-GAC Planning Team
 - Assist RTP consultant with approved RTP 2045 project for gap analysis task
 - Created a BayTrans service boundary for GIS purposes
 - Updating the TDM network with more precise alignments for highways and ramp locations.
 - Prepare for next year's 2027 Hurricane evacuation map with new approved Zip zone boundaries.
- **World Cup 2026 FIFA Scenario Planning Services:**
 - **FIFA World Cup Scenario Planning:** Set up an automatic process to capture Google Maps live traffic during the game days for past event analysis. Major tasks of the study are completed by the Prime Consultant (ARCADIS). Major findings and recommendations were presented to TAC and TPC. Work ahead will focus on post event analysis, lessons learned and reporting.
- **Regional Travel Surveys**
 - Continue coordinating with TxDOT TP&P on the results of the 8-county Commercial Vehicle Survey, and Special Generator Surveys of three campuses in Galveston County (UTMB, A&M and Galveston Colleges).
 - Completed the Regional Travel Survey (Major Universities and Community Colleges Surveys), received all deliverables as per the scope of work.

Socioeconomic Data, Modeling and Applications

- Staff continued supporting the RTP 2050 Call for Projects, sponsor portal, reviewer portal, and related safety data applications, including updates to project type descriptions, locally funded project logic, safety-related questions, new roadway buffer logic, GIS attribute notices, reviewer comments, resiliency language, public comment form concepts, and ArcGIS submission layer review.
- Staff continued work on the Regional Public Transportation Coordination Plan (RPTCP) 2026 Update, including demographic narratives, existing conditions materials, transit availability review, transit needs and gap analysis, non-MPO county materials, study website updates, web presentation content, methodology documentation, draft report materials, and dashboard support.
- Staff supported Regional Growth Forecast and socioeconomic data requests, including county-level population projection summaries, TAZ-level explanations, development-related household and

employment assumptions, and review of major growth areas such as Generation Park, Fort Bend County, SH 99, and SH 36A.

- Staff supported review of demographic, land use, and forecast inputs for the South Lake Houston Parkway Extension study, including clarification of whether proposed developments were reflected in the current forecast and discussion of available model-year alternatives.
- Staff supported non-MPO county transportation and socioeconomic briefing materials, including crash trends, commute patterns, demographic indicators, employment information, evacuation routes, transit providers, transportation infrastructure layers, NHS/NHFN data, and TxDOT tracker information.
- Staff continued development and refinement of crash and safety analysis workflows, including crash matching, High Injury Network support, H3M crash summaries, intersection summaries, roadway segment summaries, safety countermeasure presentation content, ArcGIS popup configurations, and public-facing safety application updates.
- Staff supported internal data solutions, automation, and project coordination activities, including Taleo candidate data extraction support, AI-assisted workflow development, Python scripting, SAS-to-Python transition planning, model pipeline documentation, and coordination with IT and Data Solutions staff on enterprise systems, test environments, and upgrade readiness.