

5A. SUMMARY OF TRANSPORTATION PLANNING ACTIVITIES

LONG RANGE PLANNING

Subregional Planning Initiatives (SPI)

- Friendswood Parkway Corridor Study: The project team presented the study to the Friendswood City Council on August 3, 2026. Following the presentation, the City Council unanimously adopted the study. The study is formally closed out. More information is available on the project website at <https://engage.h-gac.com/friendswood-parkway>.
- Friendswood Active Transportation Plan: The consultant has submitted all required deliverables for the study. H-GAC staff is completing the study closeout 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 the consultant contract for this study. However, the consultant was unable to complete the final report in accordance with H-GAC standards and did not submit all required deliverables prior to the expiration of the contract. As a result, H-GAC staff have assumed responsibility for completing the remaining work. Staff has completed the draft final report and provided it to Buffalo Bayou Partnership for review and comment. Staff will address any feedback received and finalize the report. 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 was successfully held on July 27, 2026. During the workshop, H-GAC staff presented the draft Thoroughfare Plan map, including the proposed roadway network and functional classifications, for stakeholder review and feedback. Following the workshop, additional comments on the draft map were received from stakeholders. H-GAC staff is currently reviewing the comments and refining the Thoroughfare Plan map for finalization. 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. The second Steering Committee meeting is scheduled for August 26, 2026. The second survey is currently active. 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 November 17, 2026. The third Steering Committee meeting is scheduled for September 17, 2026. The Needs Assessment Memo is underway. More information is available on the project website at <https://engage.h-gac.com/nhctpp>.
- Needville Mobility Plan: The second Steering Committee meeting is scheduled for September 8, 2026. The third Steering Committee meeting is anticipated for October 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: H-GAC staff digitized comments received during the first stakeholder workshop, as well as additional data provided by stakeholders, and incorporated them into the project database for further review and analysis. Staff began travel demand modeling to evaluate existing and forecasted future traffic conditions and support the development of 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 was successfully held on August 5, 2026, with approximately 35 stakeholders participating. Staff digitized the stakeholder comments and are incorporating the feedback into the current conditions analysis. Staff have also begun developing future scenarios and gathering data to support regional travel demand modeling. More information is available on the project website at <https://engage.h-gac.com/galveston-county-thoroughfare-plan>.
- Liberty County Mobility Plan: The scope of work has been finalized with the County, and staff is initiating the procurement process.
- Waller County Mobility Plan: The scope of work has been finalized with the County, and H-GAC's procurement process has started.
- Regional Complete Streets Planning Guide (RCSPG): The consultant has drafted the Scope of Work and completed all Pre-Award Audit documents. We anticipate a kick-off in September.
- Call for Subregional Planning Requests: The 2026 Call for Subregional Planning Requests will open on September 1 and be available through October 19. A virtual information session will be held on Tuesday, September 22 from 1:00pm – 3:00pm. More information is available on H-GAC's website at <https://www.h-gac.com/subregional-planning>.

Regional Transportation Plan (RTP)

- RTP2050 Existing conditions executive summary finalized by staff.
- 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, July 14, 2026.
- Staff hosted session 2 of RTP2050 Call for Projects Office Hours on July 8, 2026.
- Staff met with Subcommittee Chairs and Executive team and presented draft agenda and slides
- Staff attended Congestion Management steering committee meeting.
- Staff reviewed and approved Regional Transportation Plan Consultant Invoices
- Staff updated the RTP.com website and the RTP2050 Engage page with Call for Projects submission portal.
- Staff participated in Subcommittee Planning Session.
- Staff notified sponsors about resubmission of 2045 Projects, via email.
- Call For Projects conducted July 1st to July 17th.
- The first virtual public meeting for the 2050 RTP Phase 2 was held on August 17, 2026. The next two meetings are on August 19th and August 26th.

Safety Planning

- Staff coordinated with multiple Safety Task Force teams in preparation for the local Safety Action Plan (SAP) public meetings held in July and August.
- The SAP project team successfully hosted eight public meetings in July and one joint Regional/GCRD/METRO public meeting in August.
- Staff interviewed with Houston Matters team regarding the Safety Action Plans.
- Public outreach remains underway to gather feedback on the Regional Safety Action Plan recommendations and priorities presented at August meeting. The project prioritization poll is open through September 8, 2026. More information is available on the project website at <https://engage.h-gac.com/regional-safety-action-plan>
- Discussions were conducted with consultants, area managers, public engagement subconsultants, and Safety Task Force liaisons to support meeting planning and coordination.
- Staff reached out to the procurement team to put Local Road Safety Plans on the team task calendar.

- Staff finished the draft for Scope of Work for Local Road Safety Plans and gathered feedback from team. Staff to finalize Scope of Work for Local Road Safety Plans and will discuss with the team to determine procurement timeline and further steps.
- Staff read through reference articles for spatial and temporal analysis methods in crash data analysis in preparation for local road crash analysis.
- Staff began coordination of the agenda for the bi-monthly Transportation Safety Committee (TSC) meeting.
- The next TSC Meeting will be held on August 25, 2026, via Teams.

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 September 2026.
- 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

- 3 out of 4 subconsultants have executed contracts with Jacobs Engineering for the Regional Active Transportation Plan. H-GAC staff have reviewed the Public Involvement Plan and submitted comments to Jacobs. Jacobs and H-GAC staff have been coordinating on finding up to date GIS data as part of the existing conditions analysis.
- H-GAC staff and Jacobs are coordinating on getting the steering committee finalized and setting up the first steering committee meeting for late August or early September.
- H-GAC staff are working to extend the permanent counter installation contract with the Texas A&M Transportation Institute (TTI) for time and additional funds. TTI will continue to maintain installed sites and mount short term counts for potential sites.
- H-GAC staff have been coordinating internally to prepare for the Cost/Benefit Analysis phase of the Transportation Alternatives Set-Aside (TASA) call for projects. H-GAC staff have settled on allowing project sponsors to use their own preferred template to perform this analysis in addition to the template provided by H-GAC. Staff anticipate notifying project sponsors of their questionnaire results as well as having a template with current costs by the end of August.

Resiliency Planning

- Staff is working on the procurement plan and getting the RFP ready for release for the Regional Resiliency Plan.
- Staff presented the final Public Participation Plan to the Technical Advisory Committee and Transportation Policy Council for approval and adoption. The adopted and approved plan has been posted to the H-GAC website here: <https://www.h-gac.com/transportation-public-outreach>. The Spanish translation version should be posted by the end of the week of August 21st.

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.
- Staff analyzed data, researched underlying conditions, and assessed progress toward achieving the 2026 targets, as well as considering recommendations for setting 2028 and 2030 targets.

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 paths 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 finished creating the Smart Form of the Risk Register for ease of use for project sponsors and for staff viewing. Staff entered all 2027-2030 TIP Projects in the Smart Form. Additionally, staff are researching workflow improvements to schedule tracking and meeting tracking for each project and sponsor.
- Staff updated the database for the Project Delivery team for the newly approved 2027-2030 TIP.
- Staff are working on the RFQ for the Transportation Project Delivery Plan.

AIR QUALITY

Air Quality Planning

- The Climate Pollution Reduction Grant (CPRG) program continued transitioning from planning to implementation of the Regional Clean Air Action Plan (CAAP). Staff advanced the CAAP implementation tracking framework with technical partners to establish a centralized system for tracking projects, policies, partner commitments, performance measures, and key performance indicators across the 13-county region. Staff also continued regional outreach with local governments, stakeholders, and community partners to discuss implementation priorities, gather feedback, and identify collaboration opportunities.
- Planning for the 2026 Air Quality Summit advanced into detailed programming and event coordination. Staff refined the agenda, coordinated with speakers and panelists and the University of Houston Alumni Center, and continued planning for registration, exhibitors, student engagement, communications, and event materials. The October 8 Summit will focus on “From Planning to Action,” highlighting CAAP implementation, regional success stories, emerging air quality technologies, and opportunities for cross-sector collaboration (UPWP Subtask 3.3.a).
- The procurement process is underway for the Regional Zero-Emission Vehicle Infrastructure Plan (UPWP Subtask 5.5b). H-GAC staff coordinated with the procurement group to publish the RFP on July 17th. H-GAC staff drafted and submitted answers to over 20 questions submitted through OpenGov. Proposals are due August 27th.
- 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).

- H-GAC staff continues preparations for the 2026 Transportation Conformity process, which is due to kick off early this fall (UPWP Subtask 3.3.b):
 - o H-GAC staff have nearly finalized the timeline for the 2026 Transportation Conformity Determination in collaboration with the HGAC Conformity Workgroup, which now lives in Asana for enhanced task and project management. Staff have scheduled several one-on-one meetings with all individual conformity partners for the month of August with the intent of briefly revisiting the recently completed 2025 conformity process to collect partner comments and concerns while simultaneously developing the pre-analysis consensus plan (PACP) based on the conversation outcomes. In this way, HGAC staff hope to circumvent potential comments on the PACP once shared with interagency partners at the kick-off meeting tentatively scheduled for late September. Additionally, the Air Quality Program held the internal kick-off for the 2026 process on August 5, 2026. This month, staff will continue the individual partner meetings and PACP development concurrently.
- H-GAC continues to assist with various efforts related to emission reductions (ER), including the following (UPWP Subtask 3.3.c):
 - o Staff received the data necessary to finalize the ER estimations for regional transit pilot projects and for TxDOT ConnectSmart (i.e., MPOIDs 19601 and 19604, respectively) (UPWP Subtask 3.3.c) and will complete these calculations in the month of August.
 - o After inviting INRIX to present to the MPO regarding the company's Signal Analytics product in late May, conversations about implementing a CMAQ-funded signal initiative as has been done in Dallas continue to garner attention in the region. Several HGAC staff from multiple teams attended a regional discussion at Houston TranStar on July 30, 2026, and an ad hoc group has been formed. This month, staff will continue exploring the possibility of enhancing signal improvement in the region as well as assessing potential emission benefits, associated costs, and so on.
- Staff finalized the *CMAQ Performance Plan: Full Performance Period Progress Report* for the 2022-2025 performance period and set targets for the CMAQ performance measures for the upcoming performance period from 2026 to 2029. This month, staff will finalize the *CMAQ Performance Plan: Baseline Performance Period Report* for the 2026-2029 performance period and present both reports as well as the potential new targets to TAC and TPC for approval (UPWP Subtask 3.3.c).
- 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) Continued coordination with TCEQ on project reporting and implementation requirements; ii) advanced procurement for the 2026-2027 Rider 7 project by reviewing and responding to questions received through the procurement process and advancing the selection 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) advancing refinement of the framework's spatial and temporal resolution to support more detailed regional emissions analysis; ii) further developing technical specifications for selected use cases to demonstrate the framework's capabilities for regional air quality planning and analysis; and iii) developing a methodology for sensitivity analysis to evaluate relationships among emissions, pollutant concentrations, and meteorological conditions (UPWP Subtask 3.3.c).
- Staff continued development of the health impact assessment framework, with this month's efforts focused on: i) refining methods and technical guidance for a repeatable planning-scale health impact assessment; and ii) further exploring remote sensing, machine learning, and related methods to support exposure characterization, spatial refinement, and scenario evaluation (UPWP Subtask 3.3.c).
- Staff continued development of the Annual Air Quality Report, including preparing, compiling, and reviewing air quality and related datasets; conducting data quality checks and preliminary analyses; and organizing information and supporting materials for incorporation into the report (UPWP Subtask 3.3.c).
- Staff continued a recurring social media campaign across all platforms, with several posts published since April to promote the Clean Air Action Plan and increase public awareness.
- Social media posts to promote the Air Quality summit went live on August 13, and a recurring schedule has been set for the rest of the posts.

Clean Vehicles Grant Programs

- The application to replace two heavy-duty diesel trucks with newer vehicles was approved by the H-GAC Policy Board. Staff have begun preparing the project agreement.
- Staff downloaded, processed, and analyzed GPS data for all active vehicles and issued quarterly reports to fleet managers.
- Staff continue to coordinate with the GPS provider to obtain verified data needed to process the May–June 2026 invoice. Staff also began the process to extend the GPS services contract. The provider indicated it is amenable to extending the contract without amendments.
- H-GAC will not be charged for GPS services associated with 10 GPS units that were misplaced and later recovered. Staff have requested the return of the units, which may be reissued for future vehicles, and have resumed the closeout process for the related sub-agreement.
- Staff communicated with a local school district regarding its interest in submitting a future application for four electric school buses.
- Staff continue to evaluate policies related to grant award amounts. Topics under review include using a percentage-based table tied to total project cost, encouraging participation by Disadvantaged Business Enterprises and alternative-fueled vehicle projects, recovering direct costs from subrecipients, and determining appropriate award amounts for alternative fuel infrastructure projects.

- Staff are revising the Clean Vehicles Program application forms for Alternative Fuel Infrastructure and Vehicle Replacement projects. The revisions are intended to streamline the application process by requesting only the information needed for review and approval.
- Staff are also updating the Application Instructions, Clean Vehicles Program Guidelines, and Frequently Asked Questions to align with the revised application forms and ensure consistency across all application materials.
- Staff continue to meet with a consultant regarding Build America, Buy America requirements. The consultant indicated that the National Electrical Manufacturers Association (NEMA) is developing a database to identify vehicles and equipment that may meet these requirements. Coalition staff may be granted access to the database, but access has not yet been confirmed.
- Staff researched and compiled average regional costs for heavy-duty Class 8 trucks across several manufacturers and fuel types. This information will support the review of vehicle cost estimates submitted with current and future applications.

Houston-Galveston Clean Cities Coalition

- Staff received a response from Ryan Dixon of the Port of Houston Authority, who is willing to serve as either Chair or Vice Chair of the Coalition. The Houston Airport System respectfully declined, and staff continue to seek another candidate to fill the remaining leadership position.
- Staff submitted the required financial documents showing final expenses for the previous funding agreement. This submission should initiate the official closeout process for that agreement.
- Staff also continue to coordinate with staff from the South Central Coalition, DOE's regional structure, to advance regional and national clean transportation efforts. Staff met with a representative working to establish a new public hydrogen fueling station in Katy.
- Staff continue to coordinate with other Texas coalition staff to support statewide initiatives and share best practices.
- Staff attended a Clean Cities and Communities hybrid subcommittee meeting on alternative fuel use at seaports.
- Staff submitted a grant application to secure funding for a consultant to assist with developing the Coalition's Strategic Plan. Staff also continue to meet internally to support ongoing planning efforts.
- Staff completed a Geographic Information System (GIS) map showing the locations of Coalition stakeholders. The map will help identify regional gaps in participation and input, fulfills a funding agreement requirement, and will be included in the Strategic Plan.
- During data preparation for the GIS project, staff met with H-GAC to learn more about Salesforce, H-GAC's proposed new Customer Relationship Management (CRM) platform. Staff also prepared stakeholder data for entry into Salesforce once a license is received.
- Staff completed and submitted a study updating contact information for 45 alternative fuel stations.

MPO PROGRAMS

Incident Management/Tow and Go

- Staff hosted the monthly Tow and Go Ops meeting to discuss program activities, ongoing initiatives, and coordination efforts with program partners.
- Staff secured an interview with HCC's *Up 2 the Minute* show, featuring Francis Rodriguez as the highlighted speaker to promote the Tow and Go program and increase awareness of the program's services among the community.
- Staff scheduled/promoted the next Traffic Incident Management (TIM) training, which is on September 4, 2026, in partnership with TxDOT and the Montgomery County Sheriff's Office. The training

initiative is intended to strengthen incident response coordination and promote safe, efficient roadway clearance practices.

- Staff initiated preliminary work for the new Tow and Go contract, including beginning the initial planning and preparation steps necessary to support the upcoming contract development and renewal process.
- Staff continued a recurring social media campaign across all platforms to increase public awareness of the Tow and Go program.

Transit Planning

- The Regional Public Transportation Coordination Plan (RPTCP) has wrapped up core production and is in internal review. Over 1,500 community touchpoints informed 5 goals and several strategies to implement Plan goals. Slated for adoption in November 2026 and submittal to TxDOT in December 2026.
- A Special Call meeting of the Regional Transit Coordination Subcommittee is scheduled for September 3, 2026.
- The first round of public involvement for the Regional Bus Study is complete. Over 420 responses were received to the public survey before it closed at the end of July. The Regional Bus consultant has delivered revised Technical Memorandums for Task 3 and 4 that H-GAC staff is currently reviewing.

Teen Drivers Education and Outreach Program:

Outreach Strategists is currently working to finalize the three Sheldon ISD schools that have committed to participating in the program. Scheduling will likely occur during Red Ribbon Week in October 2026.

The ESC Region 4 contact will assist in connecting the program with transportation and emergency services personnel at the ISD level. The ESC Region 6 contact is expected to provide similar support in Montgomery County. South Houston High School has also committed to participating, and a meeting is being scheduled to discuss implementation details, including timing, logistics, and overall coordination.

Youth Traffic Safety Education and Outreach Program:

H-GAC procurement notified staff, due to the agency's transition to a new Executive Director, the current e-signature process will be canceled. The contract is being moved back to the contract phase, a new e-signature request will be initiated with Ron Papsdorf as the authorized agency signatory.

This is an administrative change only, and procurement will resubmit the agreement.

Regional Safety Campaign/Freight Safety Campaign:

Staff continues to work with H-GAC Communications team and has provided crash data to help identify priority areas for billboard placement, support campaign messaging, and inform project timeline decisions. Upcoming campaign planning will also include updates on creative direction, the website URL, media buy costs, and TxDOT approval status.

Hurricane Evacuation

No report

Intelligent Transportation Systems and TSMO Planning:

No report

TITLE VI/LANGUAGE ACCESS

Implementation of the Title VI Program Workplan is on track. Background work began with documenting workplan activities in the Asana project management platform to organize and track task progress. This documentation process is ongoing.

Staff are also developing guidelines for translating the MPO's vital documents in accordance with the Language Access Plan (LAP) and federal requirements. Following completion of the guidelines, staff will inventory the public-facing MPO documents and evaluate them by the document translation prioritization criteria. Documents meeting the criteria will be translated into H-GAC's safe-harbor languages; Spanish, Vietnamese, and Chinese.

Congestion Management Process

The Congestion Management 2026 Plan has been extended to finish on March 31, 2027. The Steering Committee Workshop was held on August 10 to consider additions to the Congestion Management map and Performance Measures. The recommendations on the Congestion Management Map and Performance Measures made by the consultant are under review by staff.

Travel Demand Management | Commute Solutions

- Commute Solutions staff finalized and published its coordination with METRO to highlight a local commuter that combines travel modes. The commuter spotlight was published on social media and in the Regional Focus newsletter.
- Commute Solutions staff continued working with Finance to prepare for the upcoming Call for Partners for the Commuter and Transit Pilot Program. The staff has also been asked to present to the Regional Transit Coordination Subcommittee (RTCS) in September. Afterward, the staff will hear from the subcommittee and incorporate suggestions before going before TAC and TPC.
- Commute Solutions joined over 600 other TDM professionals at the 40th International Conference in Philadelphia, PA.
- Commute Solutions staff attended multiple outreach events, including a new teachers luncheon for Clear Creek ISD, Waller County Elected Officials Quarterly Meeting, and the Northern Brazoria County Chamber of Commerce Women in Leadership Luncheon.
- Social and Paid Media saw similar numbers before the Commute Game Plan Campaign kicked off, showcasing our steady numbers and a strong base of support.
- Commute Game Plan campaign wrapped up with the final World Cup game on July 4, and the team is preparing to collect data to measure its impact on travel behavior.
- Commute Solutions began preparing interlocal agreements with several transit agencies, along with their respective marketing materials for Ozone Action month in September.

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 Studies and plannings at the regional, sub-regional and corridor levels, air quality analysis,

determination and confirmative. These include modeling supports for TxDOT and non-TxDOT projects such as:

TxDOT Projects Support:

- **36A North Corridor Study:** Continue providing modeling support for base-year calibration and 2045 No-Build model run, delivered truck and all-mode OD tables, and received two proposed scenarios for modeling.
- **36A South Corridor Study:** Continue providing model run for Alternative 4 and work on the remaining two alternatives.
- **SH 99 Segment C Growth Projection:** Provided model support for all nine model runs for the 2023, 2030, and 2045 No-Build, Full-Build, and C1-Build scenarios and delivered the outputs for review.
- **South Lake Houston Parkway Extension:** Provided modeling support for the base-year calibration and delivered model outputs for all four requested scenarios.
- **RRD Hirsch TMC Support:** Provided modeling support for turning movement analyses for 2023, 2030, and 2045 and delivered the related outputs. One of the remaining alternatives is ongoing
- **Grand Parkway Model Run:** Provided modeling support for an additional 2035 model run using updated truck tables provided by TxDOT consultant

Harris County Projects:

- **Harris County Transportation Master Plan TDM Support:** Provided modeling support for the Scenario 1 model run and continue supporting the additional roadway coding that was requested based on DCCM's review.
- **TGC/Harris County Precinct 4 Mobility Planning:** Developed loaded networks for 2023, 2026, 2030, and 2045, along with the associated TAZ shapefile.

Harris County Toll Authority (HCTRA):

- **Westpark Zipper Study:** Continue to coordinate with HCTRA and prepare model runs using the 2030, 2035 demographic, and 2040 network scenarios.
- **Buffalo Speedway Extension:** Provided modeling support in developing network coding and initiated the 2030 and 2040 model runs.

H-GAC Transportation Department (Internal Request)

- **Montgomery County Mobility Plan:** Provided modeling support for model runs for all three scenarios and delivered the outputs for review.
- **Waller County Thoroughfare Plan:** Continue updating the 2026 existing and 2045 future No-Build networks with additional thoroughfare coding.
- **Liberty County Thoroughfare Plan:** Incorporated updated planning assumptions and completed the 2045 Build model run for the stakeholder meeting.
- **TTI Utility Test:** Provided TDM outputs for 2023, 2026, 2032, 2040, and 2050, along with the updated TAZ shapefile and revised FUNCL attributes.
- **SEE Development:** Provided updated TransVMT and TCEQ lookup inputs and coordinated with ERG on model testing and the development schedule.
- **Regional Emission Inventory Framework:** Provided 2024 HPMS data, a sample 2023 link-level emissions shapefile, and the 2026 conformity MOVES3 output database.
- **RTP 2050 support:** Provided 2026 and 2050 no-build model outputs to support the RTP team's gap analysis. The final 2050 build model outputs are expected to be available in October.

Conformity & Others:

- **Conformity 2026 Travel Demand Model Preparation:** Continue to develop truck trip tables for the new conformity years, 2031 and 2032, and Compare model results for 2026, 2032, 2040, and 2050 using the existing network inputs.

World Cup 2026 FIFA Scenario Planning Services:

- Post analysis of the Houston FIFA 2026 World Cup games forecasted vs actual traffic conditions and planning continues. The team made a presentation at the 2026 TxDOT Transportation Planning Conference in San Antonio Texas titled, “An Integrated Regional Travel Demand Model (TDM) and Mesoscopic Dynamic Traffic Assignment (MesoDTA) Modeling Framework”

Travel Demand Modeling Updates:

- Continue model updates, development, tweaking to test new scenarios and inputs and confirm model results of reproducibility and consistency for future use.
- Continue review of model outputs after model update to integrate the Travel Demand Models with Land-Use team.
- Did a presentation of the H-GAC's new model transition from Aggregate to Disaggregate model (titled H-GAC's Hybrid Four-Step Model Transition & 2023 Base Year Update) at the Texas Planning Conference at San Antonio.
- Updated PM3 trendlines and shared the spreadsheet with the Transportation Department.
- PM3 Non-SOV rating target setting for 2028 and 2030.

Advance Transportation Scenario Planning Tools (ATSPT) now known as H-GAC COMPASS:

- Coordination: Staff working with Prime Consultant (AECOM) and her team of sub-consultants on the various tasks of the tools development, and technologies environments for the tools development.
- Collaborated with various end users and stakeholders and the team of consultants, and coordinated several joint meetings of team of Consultants, TxDOT staff, and H-GAC staff.

Regional Travel Surveys

- Continue to coordinate with TxDOT TP&P on the report of the 8-county Commercial Vehicle Survey, and Special Generator Surveys of three campuses in Galveston County (UTMB, A&M and Galveston Colleges).
- Received the final deliverables of final general and the infographic reports of the 13–campuses Major Universities and Community Colleges Surveys within the region, closed out the AFA 599 – Regional Travel Survey contract.

Socioeconomic Data, Modeling and Applications

- Staff continued supporting the RTP 2050 Call for Projects and RTP 2045 Resubmission activities through the Sponsor Portal, Reviewer Portal, Project Management Portal, and Public Comments Portal. Support included project inventory updates, project validation, reviewer coordination,

consultant data requests, financial model documentation, public comment workflows, and ongoing technical assistance to project sponsors and TxDOT.

- Staff continued work on the 2026 Regional Public Transportation Coordination Plan (RPTCP), including updates to demographic narratives, existing conditions documentation, Transit Gap Analysis datasets, dashboard enhancements, supporting technical documentation, and preparation of materials for internal review and future public release. Staff also continued developing and validating the 13-county regional trip generator inventory, compiling key destinations—including healthcare facilities, educational institutions, employment centers, retail and commercial areas, public services, and community facilities—to support transit needs assessment, accessibility analysis, and regional service gap identification.
- Staff continued supporting Regional Growth Forecast and land use modeling activities by completing Python Land Use Model Version 2, refining model workflows, input data processing, QA/QC procedures, and technical documentation, and coordinating consultant review and feedback on model functionality, scenario planning, and future integration with transportation planning models.
- Staff continued supporting transportation planning studies by providing demographic, socioeconomic, roadway inventory, GIS, and RTP project datasets to consultants, responding to technical questions regarding project identifiers, transportation network assumptions, financial model inputs, and data structures supporting project evaluation and travel demand modeling.
- Staff continued supporting non-MPO county transportation and socioeconomic planning, including updates to crash, demographic, commuting, employment, evacuation, and transportation infrastructure datasets, development of briefing materials, and coordination of mapping products for Board and committee discussions. Staff also began working with county partners to identify transportation planning priorities and potential planning funding opportunities for future studies and grant applications.
- Staff continued supporting crash and transportation safety analysis, including GIS data preparation, roadway inventory integration, consultant data requests, and enhancements to regional transportation datasets supporting crash analysis, safety planning, and transportation decision-making.
- Staff continued advancing enterprise AI and application development initiatives, including evaluating enterprise AI deployment strategies, identifying current Claude Enterprise API limitations, and developing an AI-assisted transportation planning framework featuring automated intersection configuration from aerial imagery, intelligent guidance for transportation planners, project evaluation and scenario comparison, and AI-generated interpretation of analytical results through maps, charts, tables, and natural language explanations.
- Staff continued supporting enterprise GIS, automation, and cloud migration activities, including coordination with Data Services on the ArcGIS Enterprise production migration, post-upgrade validation, Python application development, workflow automation, enterprise GIS infrastructure improvements, and cloud environment support.