

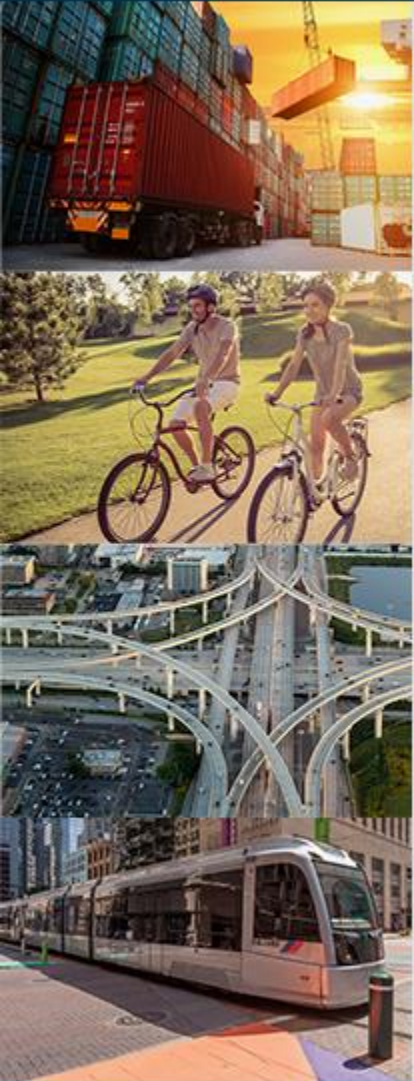


# FY 24-25 Rider 7 Project Speciation Study



July 25, 2024  
RAQPAC

# Agenda



**Introduction and Background**



**Project Activities**



**Project Deliverables**



**Project Timeline**



**Project Partners**

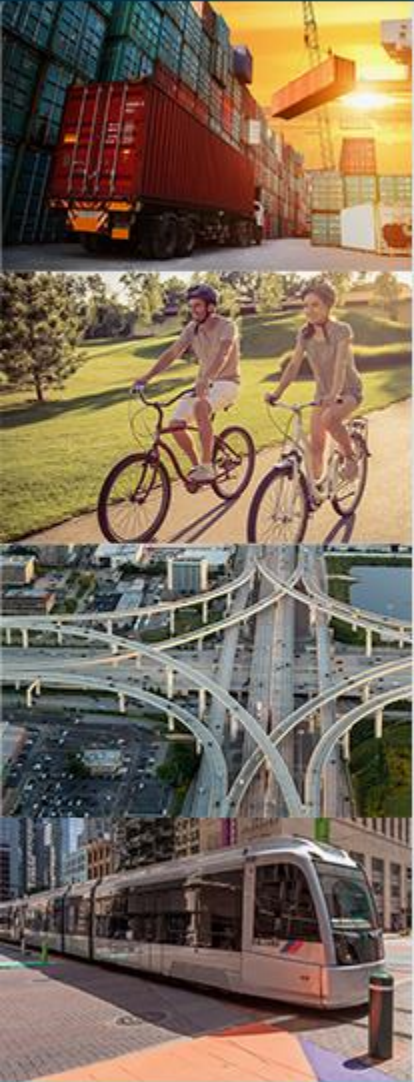


**Next Steps**

# Introduction and Background

- Rider 7 – Air Quality Planning Grant for near non-attainment areas
- Texas Commission on Environmental Quality's Legislative Appropriation from 88<sup>th</sup> Legislature
- H-GAC was awarded \$450,000
- Funded activities are limited to:
  - Inventorying emissions
  - Monitoring of pollution levels
  - Air Pollution and data analysis
  - Modeling pollution levels
  - Project administration

# Speciation Study



- Analyze the components of PM<sub>2.5</sub> in our region to better understand the impact on human health
- Built on previous studies, such as the TCEQ North Wayside report, for further analysis of PM<sub>2.5</sub> composition and sources
- Focusing on near-road locations, industrial areas, sites in Environmental Justice Areas, or locations with heavy truck traffic.

# Project Phases

Phase 1: Project Administration

Phase 2: Quality Assurance

Phase 3: Literature Review and Data  
Compilation

Phase 4: Site Selection and Preparation

Phase 5: Sample Collection and Analysis

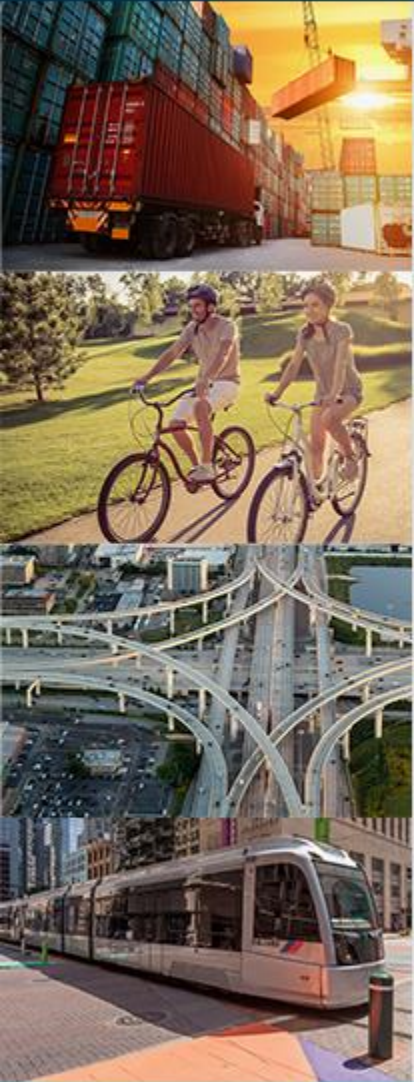
Phase 6: Source Apportionment

Phase 7: Health Impact Assessment

Phase 8: Reporting and Policy  
Recommendations



# Project Deliverables



---

Comprehensive report including findings, analyses, and recommendations.

---

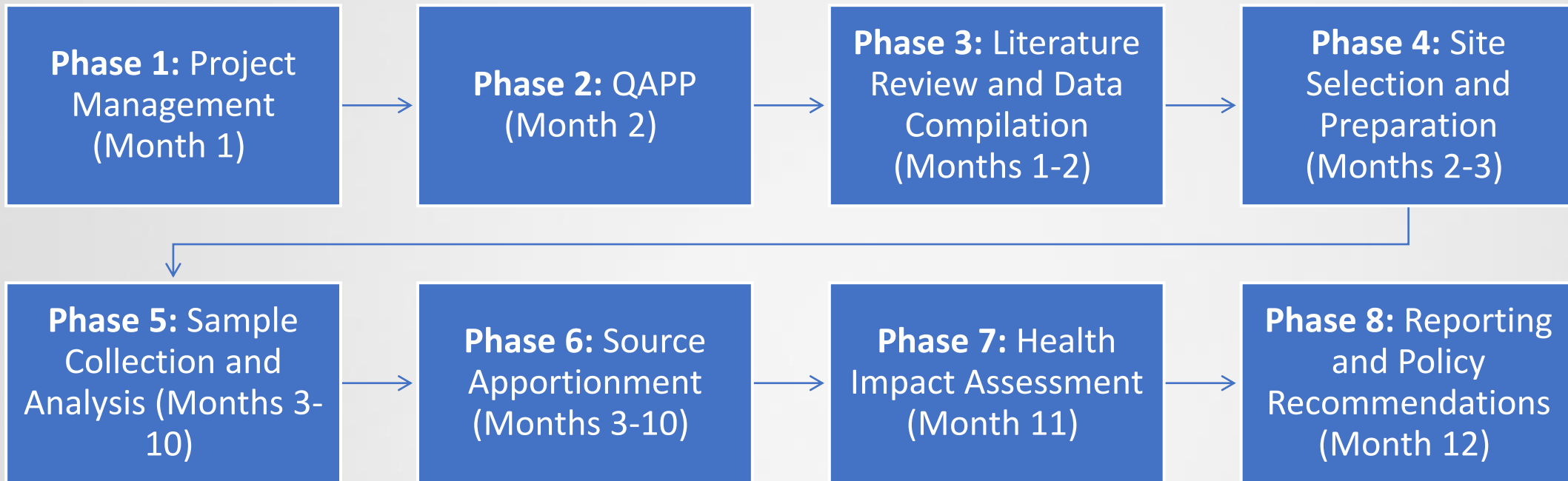
Presentation materials from H-GAC and other stakeholder meetings.

---

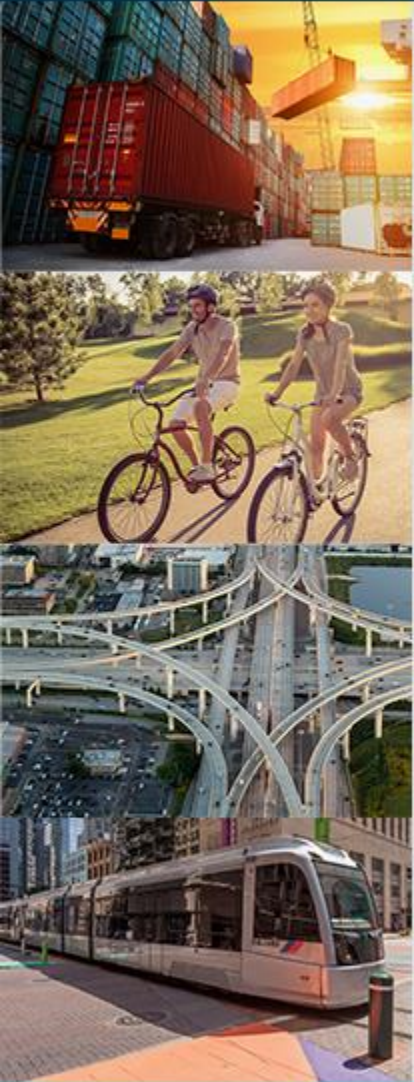
Online report incorporating feedback from stakeholders.

---

# Timeline



# Next Steps



- Finalize grant with TCEQ
- Develop scope of work
- Recruit partners
- Collect feedback from stakeholders





# Project Team



- Andrew DeCandis, Manager, Air Quality – [Andrew.Decandis@h-gac.com](mailto:Andrew.Decandis@h-gac.com)
- Pharr Andrews, Air Quality Principal Planner – [Pharr.Andrews@h-gac.com](mailto:Pharr.Andrews@h-gac.com)
- Maggie Isied, Air Quality Principal Planner – [Margaret.Isied@h-gac.com](mailto:Margaret.Isied@h-gac.com)
- Vinny Polignano, Air Quality Planner – [Vincent.Polignano@h-gac.com](mailto:Vincent.Polignano@h-gac.com)