

**TIP SUBCOMMITTEE MEETING  
HOUSTON-GALVESTON AREA COUNCIL**

**TIP Members**

Please use Panelist Link in email

**Other Interested Parties and Public – Join Zoom below:**

<https://us06web.zoom.us/j/86238114619?pwd=VVU5VkFvM0Zta0JpbUNiNWxOZG1EQT09>

**Or Join by Phone:**

US: 877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Webinar ID: 862 3811 4619

Passcode: 654052

**Wednesday, February 7, 2024**

**1:30 p.m. – 3:30 p.m.**

**AGENDA**

**1. Subcommittee Roll Call**

**1. Carry Over Balance Projects Sponsor Workshop (Callie Barnes)**

**2. Road Safety Audits (Stephen Keen)**

**3. Transit Asset Management Performance Measures (Chris Whaley)**

**4. 2025-2028 TIP Development (Adam Beckom)**

**5. Project Selection Process (Vishu Lingala)**

**6. Announcements**

- TAC Meeting **February 14, 2024**, 9:30 a.m., Hybrid (Zoom)
- TPC Meeting – **February 23, 2024**, 9:30 a.m., Hybrid (Zoom)
- TIP Subcommittee Meeting – **March 6, 2024**, 1:30 p.m., Virtual (Zoom)

**7. Adjourn**

# RSA Road Safety Audit

## Training Workshop

**What:** RSA Training Workshop  
**When:** 2/22/24 | 9AM - 12PM  
**Where:** 3555 Timmons Lane, Houston, TX - Conference Room 2B  
**Who:** Agency staff and other road safety professionals  
**Why:** Zero is our goal

The Transportation Policy Council of the Houston-Galveston Area Council (H-GAC) adopted the Regional Safety Plan which developed action plans to improve safety within our region. The plan identified several objectives including the goal to conduct Road Safety Audits (RSA) at high-frequency crash locations.

Per FHWA, the best way to initiate the RSA process is to conduct one or more pilot projects involving both selected professionals who will become the champions of RSAs and a small number of project managers who can explore the ways in which it is possible to respond and react to audit reports. H-GAC has conducted RSAs at over 50 locations across the region and developed best practices for RSA procedures. **H-GAC will be hosting an RSA Training Workshop to share resources for agencies to conduct RSAs.**

### FHWA's Eight-Step RSA Process

Per FHWA, an RSA is defined as "a formal safety performance examination of an existing or future road or intersection by an independent audit team. It qualitatively estimates and reports on potential road safety issues and identifies opportunities for improvements in safety for all road users."

### Responsibilities

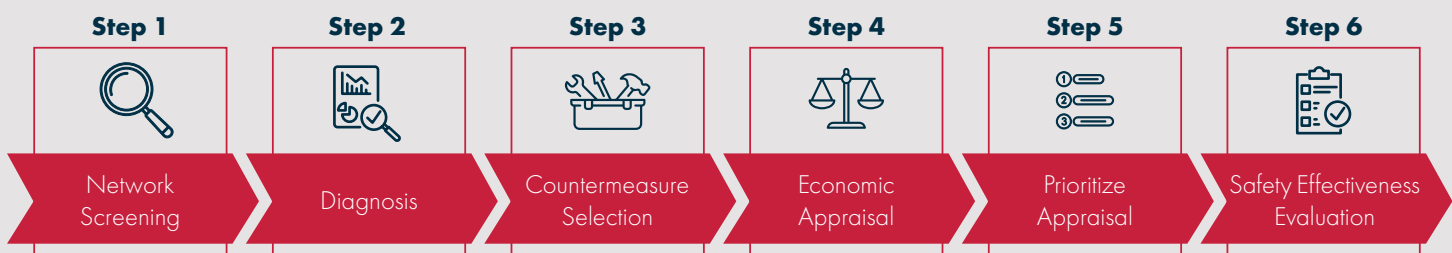
- RSA Team
- Design Team/Project Owner



RSAs are proven to reduce crashes by up to **60%**

[Click here](#) to learn more

FHWA's eight-step RSA process (above) aligns with the HSM's six-step Roadway Safety Management Process (below). In addition to RSA fundamentals, the workshop will explore the first four steps of road safety management: Network Screening, Diagnosis, Countermeasure Selection, and Economic Appraisal.





## RSA FUNDAMENTALS

- » **RSAs**
- » [FHWA RSA Webpage](#)
- » [FHWA Road Safety Audits Guidelines](#) (FHWA-SA-06-06)
  - Chapter 7 and Prompt List 6
- » [FHWA Pedestrian and Bicyclist Road Safety Audit \(RSA\) Guide and Prompt Lists](#) (FHWA-SA-20-042)
- » **Safety Fundamentals**
- » [FHWA Road Safety Fundamentals](#) (FHWA-SA-18-003)
- » [USDOT National Roadway Safety Strategy](#)
- » [Highway Safety Manual](#)
- » [An Introduction to the Highway Safety Manual](#)



## 1. NETWORK SCREENING

- » HSM Chapter 4
- » [City of Houston Vision Zero](#)
- » [City of Houston Vision Zero High Injury Map](#)
- » [H-GAC Transportation Safety Program](#)
- » **Systemic Approach**
- » [TxDOT SHSP](#)
- » [FHWA Systemic Approach to Safety](#)
- » [Quick Start Guide Systemic Safety Analysis](#) (FHWA -SA-17-009)



## 3. COUNTERMEASURE SELECTION

- » **Site-Specific**
- » [City of Houston IDM](#)
- » [ITE Complete Streets](#)
- » [FHWA Signalized Intersections Informational Guide](#) (FHWA-SA-13-027)
  - Chapter 6 Safety Analysis Methods
  - Summary of Issues table (by treatment)
- » USDOT Moving to a Complete Streets Design Model
  - Appendix 2: Key Resources and References (see attached)
- » **Systemic**
- » [FHWA Proven Safety Countermeasures](#) webpage
- » [Low-Cost Safety Enhancements for Stop-Controlled and Signalized Intersections](#) (FHWA-SA-09-020)
- » DOT Resources (such as TxDOT and [FDOT](#))



## 2. DIAGNOSIS

- » HSM Appendix 5B and 5D
- » [City of Houston Vision Zero Crash Dashboard](#)
- » [H-GAC Regional Crash Data Viewer](#)
- » [TxDOT CRIS Crash Query Tool](#)
- » [TxDOT CRIS Standard Extract File Specification](#)
- » [TxDOT Crash Data Visualizations](#)
- » [FHWA Signalized Intersections Informational Guide](#) (FHWA-SA-13-027)
  - Chapter 6 Safety Analysis Methods
- » NCHRP Report 500 Series (22 emphasis areas)



## 4. ECONOMIC APPRAISAL

- » [USDOT BCA Methodology](#)
- » [TxDOT HSIP BCA Methodology](#)
- » [USDOT Discretionary Grants Dashboard](#)



# Project Selection Process Update



TIP Subcommittee  
February 7, 2024

# Investment Categories

- Selection Process in progress
  - High Growth Area Needs
  - Resiliency and State of Good Repair
  - Operational Improvements and Congestion Management
  - Transit
  - Major Projects
- Evaluation criteria available at <https://www.h-gac.com/transportation-project-selection-process>
- Questionnaires due on February 15, 2024
- Sponsors can request portal accounts by sending an email to Vishu.Lingala @h-gac.com

# Contacts



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