



Investing in Infrastructure Across the Region



**City of Houston
Transportation, Technology, and Infrastructure
Committee
May 5, 2022**

Regional Collaboration • Transportation Planning • Multimodal Mobility

The Houston-Galveston Area Council

A light blue map of the Houston-Galveston Area Council region, showing county boundaries and the Gulf of Mexico coastline. The map is semi-transparent and serves as a background for the text.

13 counties
120 cities
HGAC Buy
Workforce Board
Economic Development District
Metropolitan Planning Organization
Local Development Corporation

Infrastructure Investment and Jobs Act Regional Opportunities

- Regional package approach with priorities
 - At Grade Rail Crossings
 - Bridge Work and Fortification
 - Safe Streets and Roads for All
 - Traffic Safety
 - Broadband

Beyond the Funds Currently In Front of Us

Regional Opportunities

- Hurricane Protection
 - Coastal Spine
 - Ecosystem Restoration

- Flood Mitigation
 - Regional Priority List
 - Multijurisdictional Solutions
 - Urgent Need in Communities of All Sizes

Opportunities to Engage

- 66 appointments across 11 Committees and Workgroups
- Multiple Disciplines (a few examples)
 - Transportation Policy Council
 - Transportation Advisory Committee
 - Bike Ped Subcommittee
 - Traffic Safety
 - Regional Flood Management Council
 - Gulf Coast Workforce Board
 - Parks and Natural Areas
 - Gulf Coast Economic Development District
 - Criminal Justice
 - Solid Waste Management

Current H-GAC Activities

- Safety Task Force
- Vision Survey & Regional Transportation Plan Update
- IJA Grant Opportunities
 - Multimodal Project Discretionary Grant (MPDG) - Mega Projects, INFRA, Rural
 - Port Infrastructure Development Program (PIDP)
 - Safe Streets for All (H-GAC seeking to lead regional application)
- Bike Month events

Safety Task Force Need

- Disconnect between Targets and Trends

| | Fatalities | Serious Injuries | Fatalities per 100M VMT | Ser. Injuries per 100M VMT | Nonmotorized Fatal & Serious |
|---------------------|------------|------------------|-------------------------|----------------------------|------------------------------|
| TxDOT Target Trend | -20.7 | -109.0 | -0.029 | -0.154 | -23.2 |
| 5-year average | +29.8 | +151.8 | +0.055 | +0.353 | +42.3 |
| Deviation (actual) | +50.5 | +260.8 | +0.084 | +0.507 | +65.5 |
| Deviation (percent) | 244% | 239% | 290% | 329% | 282% |

- Action Plan for Vision Zero

Safety Task Force Goals and Topics

Goals

1. Examine problems and solutions likely to work
2. Identify new and comprehensive approaches to transportation safety to achieve change

Topics

- Safety performance measures and targets
- “Safe Systems” approach
- New, aggressive strategies
- Potential for dedicated transportation safety program funding
- Other topics as needed

Regional Transportation Plan

- Vision Survey
 - Underway through June
- Public listening meetings
 - In-person and virtual
- Define and confirm the Vision

Timeline

- Draft updated plan – Fall 2022
- 3rd public outreach round
- Adoption ~April 2023

Take Our Digital Survey & Help Us Forge a New Transportation Vision

At the Houston-Galveston Area Council, we want to forge a vision that drives opportunity wherever we live and however we move. Connecting every part of the Gulf Coast region, now and in the future.

Take our survey & help us connect the dots to make getting around the region safer and better for generations to come.

Because life is better when we all work and thrive together!



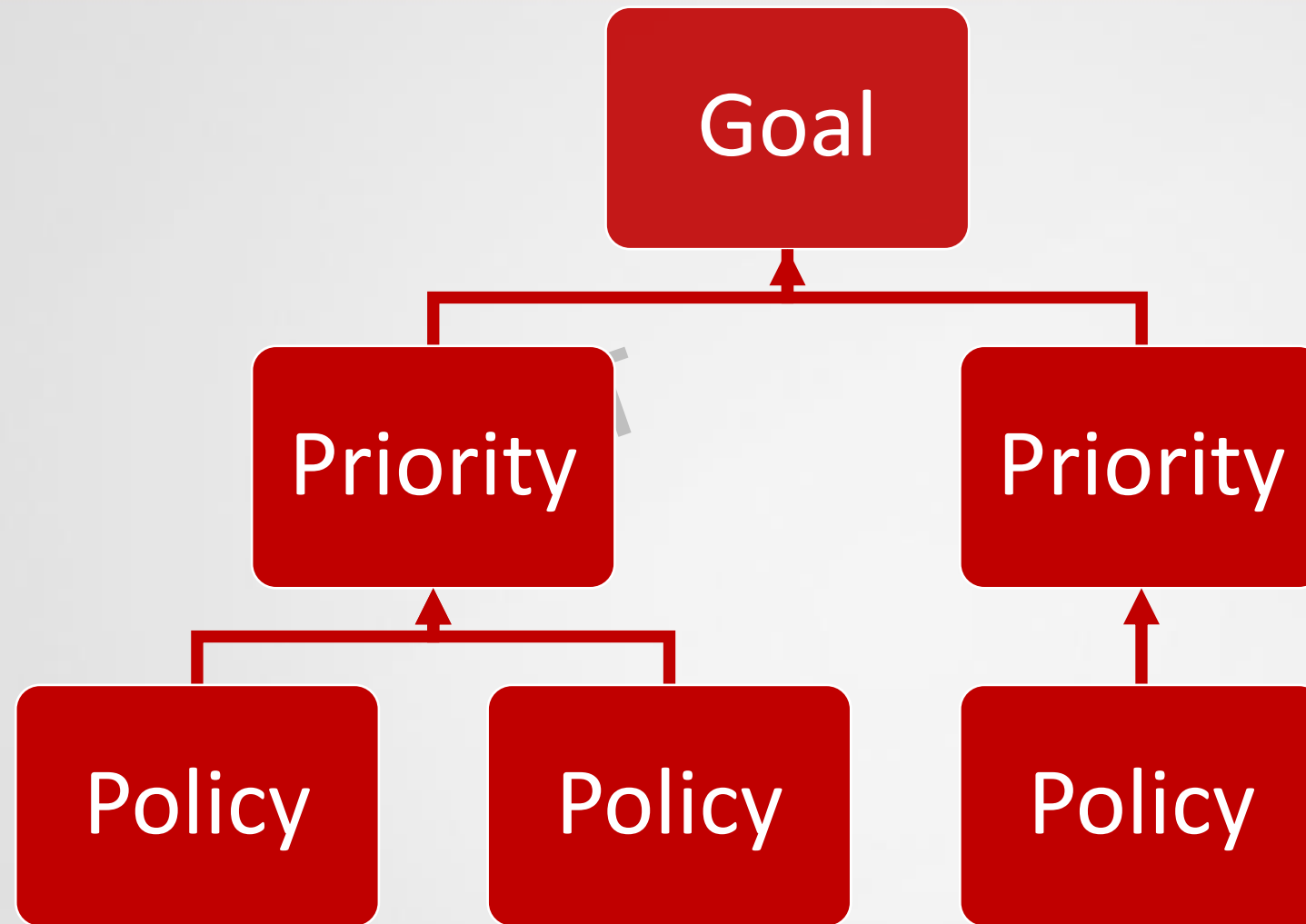
Visit engage.h-gac.com/2045RTPupdate or scan the QR Code

Project Selection and Programming

- “Call for Projects”
- Significant policy and process updates
- Incorporate recommendations of TPC Workgroup

| | Previous Process | New Process |
|----------------------------|---|--|
| Timing | Every 3 years | Tied to TIP and RTP development |
| Applications | All types of projects at one time | Applications by investment category |
| Readiness | Not considered | Critical factor |
| Selection/Ranking Criteria | Planning factors and benefit-cost analysis; limited variation | Planning factors and benefit-cost analysis; scaled assessments |
| Scoring | Quantitative | Adding qualitative |
| Available Funding | Unprogrammed 10-year balance | Determined by TPC to focus on investment categories; unprogrammed balance is cap |

TPC Working Group Recommendations



Working Group Goals:

- Align with the long-range transportation plan (2045 RTP)
- Align with public comments received on the RTP
- Create a resilient transportation network
- Increase the amount of transportation funding available to the region

Working Group Priorities:

- Reduce and eliminate severe injuries and vehicular crashes
- Reliable goods movement throughout the region
- Focus on operational improvements and congestion management
- Public/private partnerships and coordinated planning

Working Group Priorities:

- Benefits of regional, multijurisdictional projects
- Improve access and affordable transportation choices
- Develop a multi-modal transportation network

Working Group Policies:

- Consider the larger, complete project
- Enhance environmental benefits through the addition of alternative transportation modes
- Highway-funded projects should facilitate essential trip making
- Network access, connectivity, and continuity
- Non-federal sources for aesthetic improvements above and beyond State levels

Working Group Policies:

- Balance quantitative and qualitative benefits
- Total project cost should be used in a Benefit/Cost analysis evaluation
- Local community support
- Consider projects that implement automated/connected vehicle technology and infrastructure
- Advance projects that have demonstrated their project readiness when possible.

Remember:

THANK YOU!

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