



# Project Selection Process



TIP Subcommittee  
April 5, 2023

# Draft Statements of Interest Summary

Timeframe	# of Projects	Consider In PSP*	Cost (\$B)
Short term (0-5 Years)	310	259	\$7.3
Medium term (6-10 Years)	192	141	\$15.6
Long term (> 10 Years)	120	61	\$10.1
Total	622	461	\$33

- Include already programmed projects
- Duplicate projects submitted
- New projects submitted

\*PSP – Project Selection Process

# Short-Term Regional Goods Movement

Requested Outcome	Consider In PSP*	Cost (\$M)	Can Let in Next 3 Years	Cost (\$M)
Planning Activities	2	\$48.9	1	\$2.3
Development Only	2	\$1.2	2	\$1.2
Development & Construction	35	\$630	19	\$134
Construction	31	\$3,062	25	\$2,552
Total	70	\$3,742	47	\$2,670

\*PSP– Project Selection Process

# Medium-Term Regional Goods Movement

Requested Outcome	Consider In PSP*	Cost (\$M)	Can Let in Next 3 Years	Cost (\$M)
Planning Activities	1	\$54.2	0	\$0
Development Only	1	\$230	0	\$0
Development & Construction	18	\$654	3	\$75.60
Construction	33	\$8,829	1	\$555
Total	53	\$9,767	4	\$630.6

\*PSP– Project Selection Process

# Long-Term Regional Goods Movement

Requested Outcome	Consider In PSP*	Cost (\$M)	Can Let in Next 3 Years	Cost (\$M)
Planning Activities	0	\$0	0	\$0
Development Only	7	\$3,129	0	\$0
Development & Construction	4	\$304	1	\$104
Construction	7	\$1,790	0	\$0
Total	18	\$5,223	1	\$104

\*PSP– Project Selection Process

# Regional Goods Movement Evaluation Status

- Online Questionnaire
  - Investment Category Focused Criteria
  - Benefits to Other Investment Categories
  - Planning Factors
- Can upload additional documents using upload link
- Adjacent projects/Projects in phases will be considered as one large project per TPC Guidance Policy # 1
- H-GAC staff can provide assistance in gathering information from interactive webapps

# Website Preview DRAFT

## Transportation Project Search

Find a Transportation Project

### Project Goal

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Accessibility and Connectivity        | <input type="checkbox"/> Conserve and Protect Natural and Cultural Resources | <input type="checkbox"/> Crash Reduction and Safety                   |
| <input type="checkbox"/> Delay Reduction and Congestion Relief | <input type="checkbox"/> Improved Freight Connectivity                       | <input type="checkbox"/> Resiliency/Flood Mitigation                  |
| <input type="checkbox"/> Safety Improvements                   | <input type="checkbox"/> State of Good Repair                                | <input type="checkbox"/> Strengthen Regional Economic Competitiveness |

### Project Type

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Access Management                 | <input type="checkbox"/> Added Capacity                    | <input type="checkbox"/> Bicycle Improvements    |
| <input type="checkbox"/> Delay Reduction/Congestion Relief | <input type="checkbox"/> Delay Reduction/Congestion Relief | <input type="checkbox"/> Freight Movement        |
| <input type="checkbox"/> Intersection Improvements         | <input type="checkbox"/> Other                             | <input type="checkbox"/> Pedestrian Improvements |
| <input type="checkbox"/> Policy                            | <input type="checkbox"/> Safety Improvements               | <input type="checkbox"/> Transit                 |

### Investment Category

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Regional Goods Movement             | <input type="checkbox"/> Operational Improvements and Congestion Management | <input type="checkbox"/> High Growth Area Needs |
| <input type="checkbox"/> Active Transportation               | <input type="checkbox"/> Transit  | <input type="checkbox"/> Major Projects         |
| <input type="checkbox"/> Resiliency and State of Good Repair | <input type="checkbox"/> Safety   |   |

### Project Timeframe

Please Select



Reset

Search



Houston-Galveston  
Area Council

# Website Preview DRAFT

## Transportation Project Selection Process Questionnaire

### Project Information

Agency Name

City of Angleton

Project Title

Henderson Road Improvement Project

### Investment Category-Focused Criteria

All fields are required.

1. Is the proposed project recommended in a statewide, regional, or local freight plan?

Please Select

3. Is the proposed project located on a Critical Urban/Rural Freight corridor (CUFC/CRFC)?

Please Select

4. What is the estimated percentage of daily truck volume on the existing project facility? H-GAC staff can provide assistance in gathering the truck data from our website.

5. What is the estimated percentage of daily truck volume on the project facility after the proposed project implementation?

6. Does the project facility provide new or improved connectivity to a port/airport?

Please Select

7. Does the project facility provide new or improved connectivity to other freight generators?

Please Select

8. Please provide a narrative explaining how the project improves regional goods movement within and through the region. In the narrative, please mention if the project scope includes grade separations at at-grade railroad crossings or implementation of ITS technologies.

250 Words or Less - Currently 0 Words

9. Is the project sponsor's jurisdiction considering strategies to promote off-peak and overnight freight delivery?

Please Select

10. Is the proposed project located on a State designated hurricane evacuation route?

Please Select

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Return to Questionnaire Portal

Save



# Existing TPC Funding Guidance

Project Type	TPC Funding Guidance*	2018 Call for Projects
Mobility	75% - 82%	75%
Alternative Modes	9% - 13%	13%
Air Quality	9% - 13%	12%
Planning	<1%	<1%

Strategy	2018 Call for Projects Selection
Major Investments	25%
Expand	45%
Manage	14%
Maintain	8%
Active Transportation	7%

\*TPC Funding guidance approved prior to 2015 Call for Projects

# Draft Funding Instructions

Investment Category	Initial Recommendation	Percentage of Submitted Projects Cost <sup>1</sup>
Regional Goods Movement	12%	15%
Operational Improvements & Congestion Management	13%	29%
High-Growth Area Needs	25%	26%
Active Transportation	7.5%	12%
Transit	7.5%	15%
Major Projects	30%	24%
Resiliency & State of Good Repair	5%	3%
Safety **	<i>TBD; ~\$30M/year</i>	

<sup>1</sup>Cost percentages are for projects that do not have an existing MPO ID

# Investment Categories

Investment Category	Description
Regional Goods Movement	Roadway projects that are located on highways classified as CUFC or CRFC or intermodal connectors; Projects proposed on roadways that provide connectivity to large warehouses, big box stores etc.; Projects located on facilities with high truck volumes
Operational Improvements & Congestion Management	Projects that reduce congestion and reduce travel delay (Including HOV expansions and BRT projects)
High-Growth Area Needs	Development of facilities that will avoid future congestion in high-growth areas; Projects that address safety, congestion, or multimodalism in high growth areas; Projects that promote coordinated planning in high growth areas and support continued economic development
Active Transportation	On and off-road bicycle & pedestrian projects that facilitate essential trip making including universal accessibility projects for transit
Transit	All transit projects (may include HOV expansions and BRT)
Major Projects	All projects with an estimated cost of \$100 million or more **
Resiliency & State of Good Repair	Projects focused on resiliency improvements and extending useful life of the facility (Details TBD pending full PROTECT guidance)
Safety **	Projects focused solely on safety improvements in high crash areas (details TBD pending recommendations of Safety Task Force)

# Scoring Point Distribution

Scoring Factor	Investment Category					
	Regional Goods Movement	Operational Improvements	High-Growth Area Needs	Active Transportation	Transit	Resiliency & SOGR
Regional Goods Movement	50	4	3	3	3	5
Operational Improvements	6	50	4	4	3	5
High-Growth Area Needs	5	4	50	4	4	5
Active Transportation	2	3	4	50	5	5
Transit	3	4	5	5	50	5
Resiliency & State of Good Repair	4	5	4	4	5	50
Planning Factors	30	30	30	30	30	30
TOTAL POINTS	100	100	100	100	100	100

# Planning Factors Point Distributions

Planning Factor	Investment Category					
	Regional Goods Movement	Operational Improvements	High-Growth Area Needs	Active Transportation	Transit	Resiliency & SOGR
Safety	7	7	7	7	7	7
Resiliency	5	5	5	5	5	5
Access/Connectivity	5	5	5	5	5	5
Environmental Justice	5	5	5	5	5	5
Impact on Cultural/Natural	5	5	5	5	5	5
Innovation	3	3	3	3	3	3
Planning Factors Total	30	30	30	30	30	30
TOTAL POINTS	100	100	100	100	100	100
Screening Factor						
Planning Coordination						

# Operational Improvements & Congestion Management

Investment Category Focused Criteria	Max 50 Pts
Existing congestion (TTI) (Quantitative)	Up to 10 Pts
Improvement (TTI) (Quantitative)	Up to 20 Pts
Congestion management strategy narrative (Qualitative)	Up to 10 Pts
Project improves hurricane evacuation (Qualitative)	Up to 10 Pts

# Operational Improvements & Congestion Management

Benefits to Other Investment Categories	Max 20 Pts
Narrative explaining how the proposed project will improve regional goods movement	Up to 4 Pts
Narrative explaining how the proposed project will benefit high growth area needs (Project addressing economic development, expansion of ports, new landuse development, etc)	Up to 4 Pts
Narrative explaining how the proposed project will improve walking and or biking conditions	Up to 3 Pts
Narrative explaining how the proposed project will improve traffic conditions for transit users	Up to 4 Pts
Narrative explaining how the proposed project will reduce inoperability for significant periods due to infrastructure damaged by collision with vehicles such as trucks, ships and barges. And Narrative explaining how the proposed project improves the state of good repair and extends the service life of the facility.	Up to 5 Pts

# Planning Factors Scoring Elements

Planning Factor	Scoring Elements
Safety	<ul style="list-style-type: none"><li>• Historic fatality and severe injury crash rates within a 0.1 mile buffer of the proposed project location (quantitative data)</li><li>• Potential fatality and severe injury crash rates (quantitative data as well as qualitative (sponsor narrative))</li></ul>
Resiliency	<ul style="list-style-type: none"><li>• Criticality of the street/highway facility where proposed project is located (high/medium/low score from the Regional Resiliency Tool as well as qualitative descriptions (sponsor narrative))</li><li>• Vulnerability of proposed project location to flooding of street/highway facility (high/medium/low score from regional resiliency tool as well as qualitative descriptions (sponsor narrative))</li><li>• Proposed reduction of vulnerability to flooding of the street/highway facility where proposed project is located (qualitative (sponsor narrative))</li></ul>
Access/Connectivity	<ul style="list-style-type: none"><li>• Improvement to accessibility and connectivity of existing and planned land uses (as documented by official city or county future growth plans) to jobs, medical facilities, schools, colleges, and social services after the proposed project is implemented/constructed (quantitative as well as qualitative (sponsor narrative))</li><li>• Improvements to accessibility and connectivity to low-income and minority households</li></ul>



# Planning Factors Scoring Elements

Planning Factor	Scoring Elements
Environmental Justice	<ul style="list-style-type: none"><li>• Number of low-income and minority households within a ¼ mile buffer of the project location (quantitative)</li><li>• Sponsor narrative explaining how the proposed project provides benefits to vulnerable populations</li><li>• Sponsor narrative explaining how the proposed project avoids or mitigates adverse effects to vulnerable populations</li></ul>
Impact on Cultural/Natural Resources	<ul style="list-style-type: none"><li>• Potential NOx (Nitrogen Oxides) and VOC (Volatile Organic Compounds) emissions reductions as a result of the proposed project (quantitative)</li><li>• Sponsor narrative explaining how proposed project avoids or mitigates impacts to natural or cultural resources such as historical sites, archeological sites, flood plains, wetlands</li></ul>
Innovation	<ul style="list-style-type: none"><li>• Implementation of new infrastructure or technologies intended to enhance accessibility, mobility, multimodalism, resiliency, or reliability, or traffic operations. Installation of new technology such as autonomous/connected vehicle technology</li></ul>

# Next Steps

- Develop/Approve Funding Instructions– April 2023
- Regional Goods Movement (RGM) Scoring Criteria Published – April 2023
- Initiate RGM Selection Process – April
- Initiate RGM Projects Scoring– May/ June
- Initiate RGM Projects Benefits Calculation templates – June?july
- Initiate RMG Project Readiness – July/ August
- Operational Improvements & Congestion Management Scoring Criteria Published – May 2023