Call for Projects Workshop

TIP Subcommittee Workshop
February 11, 2022

Regional Collaboration • Transportation Planning • Multimodal Mobility

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Agenda

- Overview
  - Eligible sponsors
  - Short, medium and long term
  - Submittal Phases I & II
  - Minimum thresholds
- Phase I Pre-application
  - Information needed
  - Evaluation timeline
- Investment Categories
- Phase II application process

- Scoring summary
- Planning factors summary
  - Sample scoring
- Benefit/Cost summary

Objectives for today

- Understand Key Elements of *Proposed* CFP Scoring Process
  - Overview of process
  - Call for projects phases, requirements, timeline
  - Investment categories
  - Overview of Benefit Cost Analysis process
- Keep CFP Process moving forward by resolving four core issues;
  1. Split scoring with Benefit-Cost Analysis and Planning Factors
  2. Investment Categories
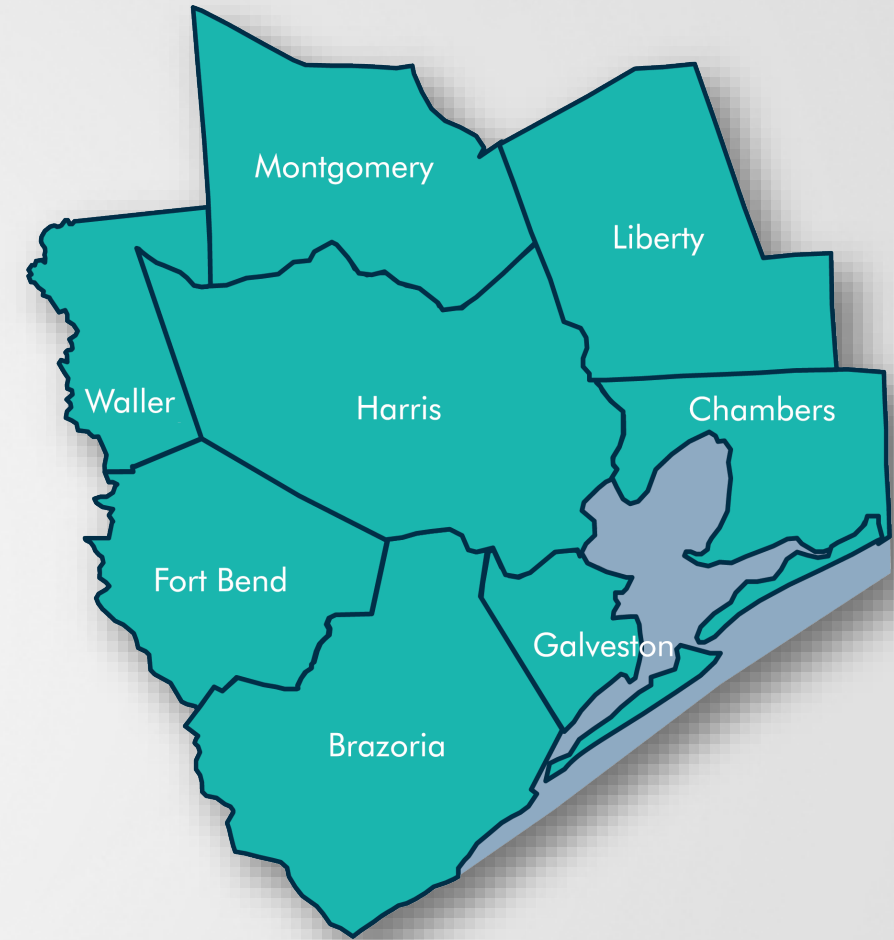 3. Rural Funding Allocation ranking process
  4. Funding Targets/Ranges

Call for Projects

- Overview

Call for Projects - Overview

- **Eligible Sponsors**

  - Agencies within 8-County MPA

  - TxDOT- HOU & BEA Districts

  - City and County governments

  - Transit Agencies

  - Ports

  - Special District w/Local Govt Support

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Call for Projects – Projects requirements

- All proposed projects requesting federal funds must be consistent the regional vision and goals established in the 2045 Regional Transportation Plan

- Total project cost for active transportation projects must be greater than $150,000

- Total project cost for roadway/freight or transit projects must be greater than $500,000

- All proposed projects requesting federal funds must provide project budget including all phases Right of Way acquisition, Engineering, utility relocation and Construction in (2021 $ value)

Call for Projects – Projects requirements

- All submitted projects must include local match funding commitment letter

- All sponsors requesting transportation development credits (TDCs) for eligible projects must submit TDC application

- Adjoining projects that cross jurisdictional boundaries must be submitted as one corridor

- Projects submitted for consideration of RTP need not submit benefits calculation templates all other project submittals must include required calculation templates

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Call for Projects – Overview

- Call for projects for
  - Short-range: Begin construction within next 5 years (up to FY 2027)
  - Medium-range: Begin construction within next 6-10 years (2028-2032)
  - Predevelopment for RTP (long-range projects)
- Application process in two phases
  - Phase 1(Pre-application online) (30 days submission period)
    - Screening criteria for consistency with regional vision (RTP)
    - Project information & readiness (project development) criteria
    - Budget
  - Phase 2 (Application online) (45 days submission period)
    - Benefits calculation templates
    - Planning factors

Call for Projects - Overview

- Projects with completed project development phases or soon to be completed and are consistent with regional vision will be considered as a short-range projects

- Projects consistent with regional vision and have not begun project development phase will be considered medium range projects

- Sponsors may request federal funds for all project phases. Projects that are scheduled to begin construction in medium range may request project development phases to be scheduled in short range.

- Long range projects (FY > 2032) that did not complete pre-planning will advance to project predevelopment planning

Call for Projects

- Phase I (pre-application)

Call for Projects – Phase I (pre-application)

- **Information Required**
  - Agency information/Point of contact
  - Additional Agency information/Point of contact
  - Project information
  - Letters of support
  - Project readiness
  - Map
  - Budget

Phase I (pre-application) – Project Information

- **Project Information**
  - Location
  - Limits
  - Project description (need, description and desired outcomes)
  - Consistency with regional vision
  - Letters of support
  - Map, Schedule
  - Budget

Phase I (pre-application) – Project Readiness

- **Project Readiness**
  - Environmental clearance
    - CE, EA, EIS
    - Status, expected completion
  - ROW acquisition
    - If needed – Status, expected completion
  - Utility coordination
    - Status, expected completion
  - Other permits (ACE) & agreements (railroad)
    - Status, expected completion

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Budget template

- If sponsors intend to use TDCs as local match TDC application must be submitted

- Local match funding commitment letter must be provided

All project costs must be entered in 2021 $s. Costs will be inflated to programming year by HGAC staf

Project Information	
Application ID	
MPOID/CSJ #	
Project Title	
County	
Facility/Street Name	
TDCs Requested (Y/N)	

Project Phase: Engineering				
Estimated Start Date	Estimated Completion Date	Federal request	Local match	Total
				0

Project Phase: Environmental clearance (CE, EA, EIS)				
Estimated Start Date	Estimated Completion Date	Federal request	Local match	Total
				0

Project Phase: Right of Way acquisition				
Estimated Start Date	Estimated Completion Date	Federal request	Local match	Total
				0

Project Phase: Utility coordination/relocation				
Estimated Start Date	Estimated Completion Date	Federal request	Local match	Total
				0

Project Phase: Construction				
Estimated Start Date	Estimated Completion Date	Federal request	Local match	Total
				0

Total Project Cost	0

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Call for Projects

- Investment Categories

Call for Projects – Investment Categories

- Major Investments
- Expand
- Manage
- Maintain
- Active Transportation

Investment Category Definitions

- Major investments: All roadway, freight or transit projects that have a total project cost of $100M or more. Total project cost (federal+match) will include all phases (including Engineering, Environmental, ROW, Utility and Construction).

Investment Category Definitions

- Expand: All roadway, freight or transit projects that expand the network capacities.
  - Example projects – New roadway construction, road widening, expansion of managed lanes, expansion of Transit
- Manage: All roadway, freight or transit projects that improve operations of existing networks.
  - Example projects - Access management, grade separations (including at-grade railroad crossings), intersection improvements, ITS expansion/upgrade projects

Investment Category Definitions

- Maintain: All roadway, freight or transit projects that extend the useful life of the existing networks or improve resiliency of the existing networks.
  - Example projects – Roadway reconstruction and rehabilitation projects, transit facility reconstruction
- Active Transportation: All projects that expand, manage or maintain bicycle and pedestrian infrastructure that provide alternative choices to essential trip making.
  - Example projects – All bike/pedestrian infrastructure including bike/ped expansion, new bike/ped infrastructure, reconstruction and infrastructure upgrades, bike/ped bridge projects.

Investment Category Definitions

- *Any roadway project that includes expansion of through lanes must be submitted as expand investment category project.*

- *Complete streets or road diet projects that do not include reconstruction of roadway or other roadway improvements can be submitted as active transportation investment category project.*

- *Bicycle pedestrian corridor projects that include intersection crossing improvements can be submitted as active transportation investment category project.*

Call for Projects

- Split scoring with Benefit-Cost Analysis and Planning Factors

Scoring – Maj.Invest., Expand, Manage, Maintain

B/C Analysis (100 pts)

Safety – 50% (50 pts)

Delay Reduction - 30% (30 pts)

Emissions Benefit – 20% (20 pts)

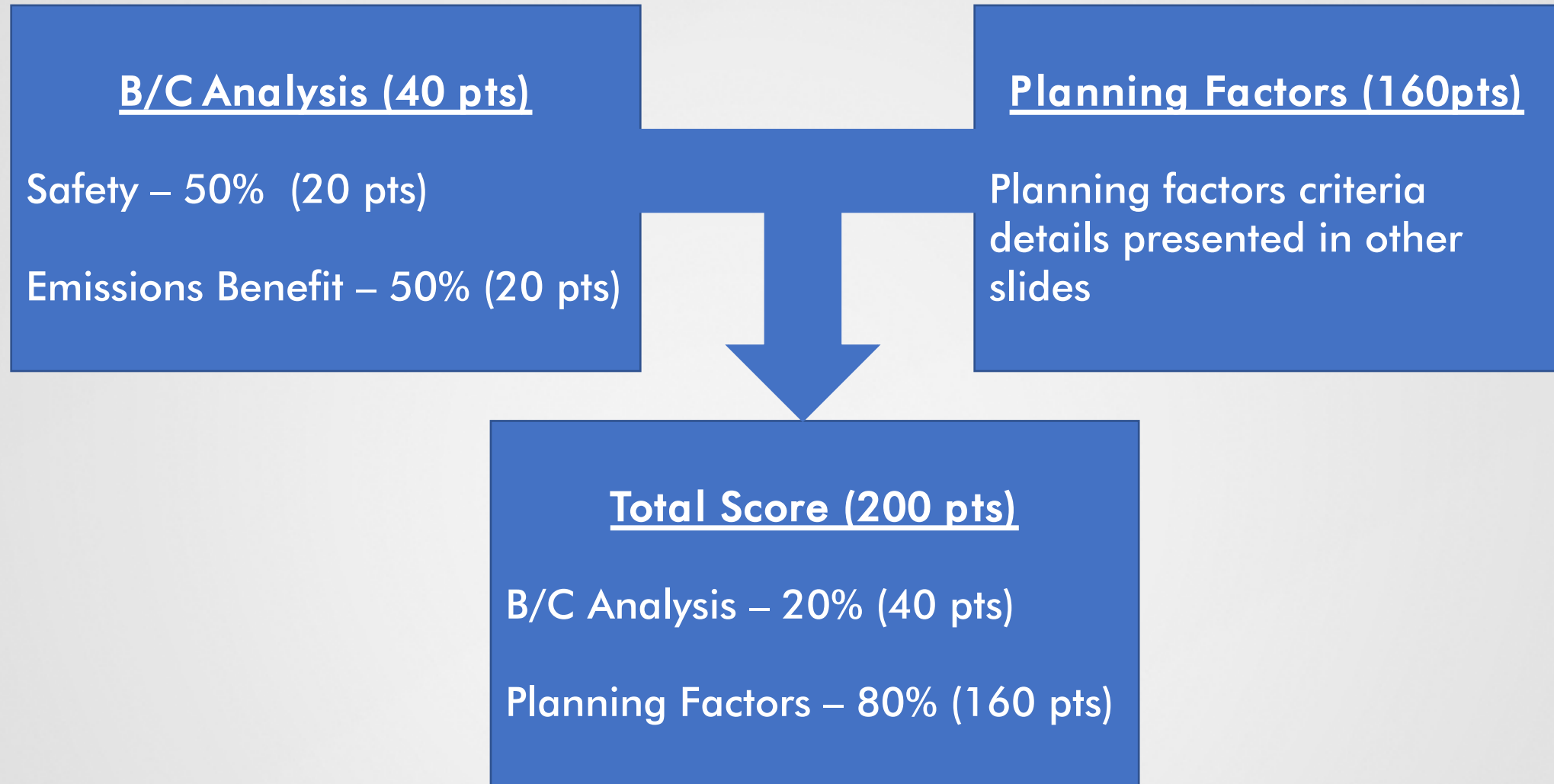**Planning Factors (100 pts)**

Planning factors criteria - score details presented in other slides

Total Score (200 pts)

B/C Analysis – 50% (100 pts)

Planning Factors – 50% (100 pts)

Scoring - Active Transportation

B/C Analysis (40 pts)

Safety – 50% (20 pts)

Emissions Benefit – 50% (20 pts)

Planning Factors (160pts)

Planning factors criteria details presented in other slides

Total Score (200 pts)

B/C Analysis – 20% (40 pts)
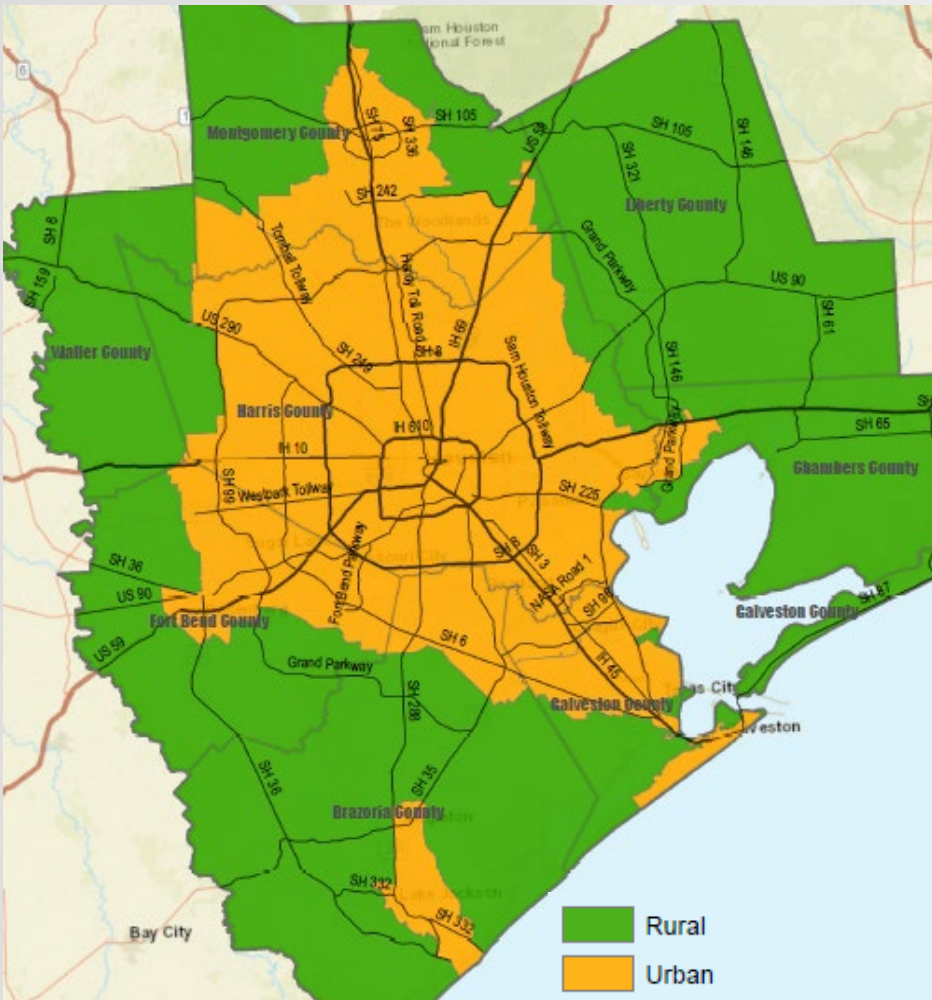
Planning Factors – 80% (160 pts)

Call for Projects

- Discussion
  - Investment Categories
  - Split scoring with BCA and Planning Factors

- Proposed Break (5-10 minutes)

TAC Recommendation

Adjusted Urbanized Area

Rural
Urban

- Create Rural Funding Allocation
  - Use an established urbanized area boundary
  - Percentage of total available funds
- Determine Allocation percentage
  - Base on previous TPC action (2019 CFP)
    - 9% of federal funds to projects in rural area
    - "Floor" rather than "Cap"
- Relative scoring for rural projects (==conditional==)
- Projects must meet minimum required points
  - Threshold TBD (assessing scoring with sample projects)
- Provide opportunity for each local agency to assign additional points to one or more high priority project (details TBD)

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Rural Allocation – Additional Issues

- Option One: Separate Rural Ranking Process (<mark>Staff Recommendation</mark>)
  - Planning Criteria scores for rural projects different from urban projects
  - Total scores (planning factors score + B/C ratio score) of rural projects *submitted in an investment category* are ranked in descending order (Urban projects follow separate process)
  - Projects selected in descending order until 9% allocation met
- Option Two: Combined Rural and Urban Ranking Process
  - Planning Criteria scores for rural and urban projects are same
  - Total scores (planning factors score + B/C ratio score) of rural and urban projects submitted in an investment category are ranked in descending order
  - Rural projects selected in descending order until 9% allocation met; urban projects passed over as needed
- 9 percent exceeded to select whole projects

Rural Allocation – Separate Ranking Example

ID	County	Score	Cost	Total Rural	Status
101	C	80.3	$2,000,000	$2,000,000	Selected
102	B	79.6	$3,500,000	$5,500,000	Selected
103	D	79.2	$750,000	$6,250,000	Selected
104	A	74.0	$2,500,000	$8,750,000	Selected
105	D	68.4	$3,000,000	$10,750,000	Selected
106	A	68.3	$2,000,000	--	Not Selected
107	C	61.9	$500,000	--	Not Selected
108	B	55.2	$1,750,000	--	Not Selected
109	B	49.1	$5,000,000	--	Below Min Score
110	E	30.1	$2,000,000	--	Below Min Score

Hypothetical Values

- Funding Target (9%)
  - $9,000,000
- Minimum Score:
  - 50 points

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Rural Allocation – Merged Ranking Example

ID	County	Score	Cost	Total Rural	Status
111	H	81.0	$1,000,000	n/a	Selected (Urban)
112	F	79.2	$7,500,000	n/a	Selected (Urban)
101	C	73.3/80.3	$2,000,000	$2,000,000	Selected
113	G	65.3	$3,750,000	n/a	Selected (Urban)
103	D	63.8/79.2	$750,000	$6,250,000	Selected
102	B	62.9/79.6	$3,500,000	$5,500,000	Selected
114-134	G,H,F	62.8-60.0	varies	n/a	Selected (Urban)
135-148	G,H,F	59.9-41.1	varies	n/a	Not Selected (Urban)
104	A	40.9/74.0	$2,500,000	$8,750,000	Selected
105	D	35.8/68.4	$3,000,000	$10,750,000	Selected
106	A	34.2/68.3	$2,000,000	--	Not Selected
107	C	33.4/61.9	$500,000	--	Not Selected
108	B	30.9/55.2	$1,750,000	--	Not Selected
109	B	30.8/49.1	$5,000,000	--	Below Min Score

Hypothetical Values

- **Funding Target (9%)**
  - $9,000,000
- **Minimum Score:**
  - 50 points

Issue:

- Rural projects selected over Urban projects with higher scores
- Rural projects will generally score lower

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Rural Allocation – Remaining (TBD) Issues Discussion

- Minimum Scoring Threshold:
  - Following TPC adoption of Rural Allocation (including Ranking Process), staff will test current scoring process (and leading alternatives, if any) on 2018 CFP submittals
  - Staff will assess and make recommendation for minimum score (TAC/TPC action)
  - Only projects scoring higher than minimum will be eligible for selection
- High Priority Project Points (AKA "Bonus Points") assignable by jurisdictions
  - Probably 3 to 8 points; sufficient to shift approx. one priority project per jurisdiction
  - Set maximum points assignable to individual projects (minimum point threshold possible)
  - Distribution alternatives:
    - Equal points to all jurisdictions
    - Proportional distribution of allocable points (population) to all TPC jurisdictions or members
    - Hybrid formula (e.g., all counties get X points; all TPC jurisdictions/members get X Proportional points)
  - Staff recommendation after Planning Factors Scoring Process settled (TAC/TPC action)

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TIP Subcommittee – February 2022

- Presentation in March 2022 will be continued from this point forward.

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