2021-2024 TIP/STIP Status

Adam Beckom, AICP
April 7, 2021

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2021-2024 TIP/STIP Approval Delay

- 2019-2022 TIP is still active
- TPC approved a revised 2021-2024 TIP in January 2021
  - Included project schedule changes as a result of the statewide fiscal constraint effort
- TxDOT completed their public involvement for the STIP in March 2021
- Anticipate State approval by the end of April 2021 with federal approval by the end of May 2021
- Anticipate possible August 2021 STIP revision

HGAC

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H-GAC Amendment Process

- Continue to process monthly amendments
- Amendments requiring STIP revision will be held until the 2021-2024 TIP/STIP is approved
- **Coordinate with H-GAC and TxDOT on any needed funding changes for financial constraint purposes.**
- Bring items back to the Subcommittee, TAC, and TPC as needed

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FY 2022 Unified Transportation Program Development

Adam Beckom, AICP
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What is the Unified Transportation Program?

- Covers 10 years of funding

- Approved annually by the Texas Transportation Commission (TTC)

- Statewide transportation project development guide

- Not a budget or a guarantee of project implementation

Plans and Programs

Statewide Long-Range Transportation Plan

20+ Year Regional Transportation Plan
(2045 RTP)

H-GAC Ten Year Plan/ TxDOT Unified Transportation Program
(UTP)

4 Year TIP
(2021-2024 TIP)

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FY 2022 UTP Development

- Consistency with the 2021-2024 Transportation Improvement Program (TIP), H-GAC 10-Year Plan, and the 2045 Regional Transportation Plan
  - Includes TxDOT GAP projects funded by the TPC in 2020
- Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (CRRSAA) allocation to the region - $51,504,795
  - Anticipate FY 2022 Surface Transportation Block Grant (STBG) allocation
  - Funds available for obligation until September 2024 or they shall lapse
  - Federal share payable up to 100% at the option of the State
- Limited availability to program new projects or advance projects statewide in FY 2022-2025

FY 2022 UTP Development Schedule

March 2021   Districts submitted projects for consideration in the FY 2022 UTP

April – June 2021   TxDOT Transportation Commission (TTC) and Administration review

July 2021   Anticipate draft FY 2022 UTP document with allocations available for public review and comment

August 2021   Anticipate TTC action on the FY 2022 UTP

Development of Project Evaluation Criteria

TIP Subcommittee
April 7, 2021

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Planning Factors – Major Investments Roadways/Freight

2021 Call - Planning factors
Safety
Multimodal accommodations/improvements
Congestion management
Resiliency
Connectivity to jobs
Transportation equity
Avoid/eliminate at-grade railroad crossing
Functional class/freight network/evacuation routes
Improvements to existing/addition of new technology (ITS, CV/AV technology)
Planning coordination
Urban/rural/transitioning
Environmental/ecological

Planning Factors – Major Investments Roadways/Freight

- **Safety**: Evaluation based on history of existing crashes at project location and estimated crashes reduced as a result of the proposed major investment project.
  - Proposed projects resulting in higher possible crashes will score higher points. Possible crashes are defined as potential crashes (that do not have primary contributing factor as speeding or impaired driver) that could occur at project location if proposed project is not implemented.

Planning Factors – Major Investments Roadways/Freight

- **Multimodal accommodations/improvements (non-freeways)**: Evaluation based on project providing new multimodal access or improving existing multimodal accommodations such as:
  - Providing new ADA accessible sidewalk on one or both sides.
  - Improving existing sidewalk to a ADA accessible sidewalk on one or both sides.
  - Providing new bikelane/shared use path on one or both sides.
  - Improving existing bikelanes/shared use on one or both sides.
  - Providing new access to transit.
  - Improving existing transit service.

Planning Factors – Major Investments Roadways/Freight

- **Multimodal accommodations/improvements (limited access highways/freeways)**: Evaluation based on project providing new multimodal (transit, freight) access or improving existing multimodal (transit, freight) accommodations such as:
  - Providing new managed lanes in one or both directions.
  - Improving existing managed lanes.
  - Providing new access to transit.
  - Improving existing transit service.

Planning Factors – Major Investments Roadways/Freight

- **Congestion management**: Evaluation based on existing delay (from COMPAT tool) and potential alleviation of congestion of congestion measured by delay reduction factor (Source: https://policy.tti.tamu.edu/congestion/estimating-congestion-benefits-of-transportation-projects-with-fixit-2-0/) .
  - Proposed projects resulting in higher delay reduction will score higher points.

- **Resiliency**: Evaluation based on existing criticality, vulnerability, and network redundancy scores based on regional resilience tool (https://datalab.h-gac.com/resilience/).
  - Higher vulnerability and criticality score.
  - Higher network redundancy value will score higher points.

Planning Factors – Major Investments Roadways/Freight

- **Connectivity to jobs**: Evaluation based on project location and improving or providing connectivity to jobs.
  - Proposed projects located in urban areas:
    - Providing new connectivity to or improving existing connectivity to first 1000 jobs will score 5 points, every 200 jobs beyond that will score 1 extra point up to a maximum of 10 points.
  - Proposed projects located in rural areas:
    - Providing new connectivity to or improving existing connectivity to first 500 jobs will score 5 points, every 100 jobs beyond that will score 1 extra point up to a maximum of 10 points.

Planning Factors – Major Investments Roadways/Freight

- **Transportation equity**: Evaluation based on proposed project's benefits provided (improving access and connectivity to multimodal transportation access by at least ¼ length of the project) to underserved/disadvantage communities as measured by Livable Centers Needs Index provided at https://datalab.h-gac.com/ace/.
  - Proposed projects will score higher points if projects livability needs index score (0-100).

- **Avoid/eliminate at-grade railroad crossing**: Evaluation based on proposed project eliminating or avoiding an at-grade railroad crossing.
  - Proposed projects score higher points if it avoids or eliminates at-grade railroad crossing.
  - Proposed projects will score higher points if it severs higher vehicular, truck and rail traffic.

Planning Factors – Major Investments Roadways/Freight

- **Functional class/freight network/evacuation routes**: Evaluation based on the project location and travel demand (ADT/ Truck ADT).
  - Proposed project will score higher points if it is located on a roadway with higher federal functional classification, freight network or evacuation routes.
  - Proposed projects will score higher points if it severs higher vehicular and truck traffic.

- **Improvements to existing/addition of new technology (ITS, CV/AV technology)**: Evaluation based on proposed project providing new or addition of new technology to exiting or new roadway.

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Planning Factors – Major Investments Roadways/Freight

- **Planning coordination**: Evaluation based on proposed project going through some public review.
  - Projects recommended in regional, sub-regional, or local government approved plans or studies will score higher points.
  - Projects sponsors will be required to submit documentation of planning coordination efforts occurred (public meetings, meetings with local government agencies where the proposed project is located).
  - If the proposed project intersects or affects assets owned by or maintained by agencies other than the project sponsor, then project sponsor will be required to provide documentation of planning coordination efforts occurred between agencies.

Planning Factors – Major Investments Roadways/Freight

- **Urban/rural/transitioning areas**: Evaluation based on project location and potential travel demand.
  - Proposed projects that are located in rural areas or areas that are transitioning into urban areas from rural areas with higher travel demands will score higher points.
  - Proposed projects that are located urban areas will score no points.

- **Environmental/ecological**: Evaluation based on project location, Red Flag investigation report (from ecological tool).
  - Proposed projects with fewer historical and archeological sites within ¼ miles of the project will score higher points.
  - Proposed projects with fewer acres of wetlands and floodways within ¼ miles of the project will score higher points.

2021 Call for Projects

2021 Call - Set-Aside Programs
Safety (*New*)
Regional ITS (TranStar)
Regional Incident Management (Towing, MAP)
Clean Cities/Clean Vehicles
Travel Demand Management Marketing/Outreach (Commute Solutions)
Regional Vanpool
Transit Pilot Projects
Regional Transit Fare Collection
Planning

2021 Call for Projects

Project Type	Funding Range	Investment Categories	Example Projects
Mobility	75% - 82%	Major Investments	All roadway, freight projects
			Transit - BRT, Park & Ride, Intermodal facilities
		Expand, Manage, and Maintain	All roadway, freight, transit projects except new vehicle purchases, vehicle replacement projects, and facility improvements
		Set-aside program	Safety, Regional Incident Management

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2021 Call for Projects

Project Type	Funding Range	Investment Categories	Example Projects
Alternative Modes	9% - 13%	Active Transportation projects	All active transportation (bicycle/pedestrian) projects
		Expand, Maintain	Transit - New vehicle purchases and vehicle replacement projects, transit facility improvements
Air Quality	9% - 13%	Set-aside programs	Regional ITS (TranStar),
			Clean Cities/Clean Vehicles, TDM Marketing/Outreach (Commute Solutions), Regional Vanpool, Transit Pilot Projects
Planning	1%	Set-aside program	Planning projects (example, Mobility plans, thoroughfare plans e.t.c)

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Draft Timeline

July	Begin discussions on investment criteria and establish working group
August-October	Continue discussions on investment criteria Update on the Benefit/Cost Analysis review Input from other Subcommittees
November	TAC Mid-point Progress Report (**Information**)
December- May	Continue development of draft evaluation criteria and selection process with TIP Subcommittee
June	TAC/TPC review of draft evaluation criteria and selection process (**Information**)
July 2021	Final draft evaluation criteria and selection process to TAC/TPC (**Action**)

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