



# *Transportation Policy Council*

For the Houston-Galveston Transportation Management Area

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**TO:** Transportation Policy Council Members  
**SUBJECT:** **Agenda and Materials for our July 24, 2020 TPC Meeting**  
**FROM:** Patrick Mandapaka, Deputy MPO Director  
**DATE:** July 16, 2020

We will conduct our July Transportation Policy Council (TPC) meeting as a **webinar**. Our conference room continues to be closed as our staff telework during this health emergency. We are conducting this meeting with the software known as **Zoom**. All TPC members, Alternate Members and Ex Officio Members and support staff will receive individual invitations to participate by email, including a link which you can click to join the meeting on your computer, tablet or cell phone. If your computer has both audio and video (camera) capabilities, you will be able to speak and (at your discretion) be seen during the Webinar.

As shown on the top of the agenda page, we have provided the option for public participation through use of a toll-free call-in number, meeting ID number and passcode. Callers will be given the opportunity to make public comments during the public comment period. In addition, the public may submit written comments to our public comment email address, [publiccomments@h-gac.com](mailto:publiccomments@h-gac.com). Any comments received by 5 p.m. July 23, 2020 will be entered into the public record and made available for TPC members to review.

The webinar will also be connected to our Livestream service which may be viewed at:  
<http://www.h-gac.com/live>

We will begin our meeting with a roll call of all members to establish the presence of a quorum. When your name is read, please unmute yourself and indicate your presence. After speaking, please return yourself to the “mute” setting. The Chair will request comments from any member of the public joining the webinar. Please observe our 3-minute limit per speaker. We value the public comment received, particularly during this time when in person meetings are not an option.

The Chair will invite questions and comments from TPC members following any staff presentation of requested action or discussion items. When a motion is ready for action, please unmute yourself to verbally cast your vote. If there is a need for greater clarity, the Chair (or a TPC member) may request a roll call vote where every member’s vote can be recorded.

Thank you in advance for your patience during our discussions and we will do our utmost to insure everyone has an opportunity to speak and be heard. I look forward to hearing from you at our meeting on the 24<sup>th</sup>.

**MEETING OF THE TRANSPORTATION POLICY COUNCIL  
FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA  
ONLINE MEETING  
FRIDAY, July 24, 2020  
9:30 a.m.**

**TPC Members: Please Use your Zoom Invitation  
TELE-CONFERENCE CALL-IN INFORMATION:**

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

Webinar ID: 914 8887 3114

Password: 380602

Livestream available at <http://www.h-gac.com/live/>

**AGENDA**

1. Certification of quorum – Quorum requirement is 14 members.....Chairman Kenneth Clark
2. Introductions
3. Public Comments on Agenda Items  
*Webinar participants will be invited to provide public comments on agenda items (3 minutes for each Commenter, please). Written comments may be sent by email to [publiccomments@h-gac.com](mailto:publiccomments@h-gac.com). Comments received by 5:00 p.m., Thursday, July 23, 2020 will be incorporated into the meeting record. Written comments may be viewed at this [website](#)*

**ACTION**

4. Approval of Friday, June 26, 2020 Meeting Minutes Summary..... Secretary Tom Reid
5. Approval of Resolution recognizing the service of Mr. Jeff Weatherford...Chairman Kenneth Clark  
*Chairman Clark will recognize outgoing TPC member Mr. Jeff Weatherford for his years of service to the TPC.*
6. Approval of a Workgroup to create a Memorandum of Understanding for the North Houston Highway Improvement Project (NHHIP) .....Chairman Kenneth Clark  
*Chairman Clark will request approval of a TPC Workgroup to create a Memorandum of Understanding for the NHHIP.*
7. Approval of the 2021-2024 Transportation Improvement Program (TIP) .....Adam Beckom, H-GAC  
*Staff will review proposed changes to the TIP and RTP and will request TPC approval.*
8. Amendments to the 2020-2021 Unified Planning Work Program (UPWP) .....Neely Kim, H-GAC  
*Ms. Neely Kim will review amendments to the 2020-2021 UPWP and request TPC approval*

**INFORMATION**

- 9. Future Amendments to the 2021-2024 TIP and 2045 RTP ..... Adam Beckom, H-GAC  
*Staff will provide an update on the future amendments to the TIP and RTP*
  
- 10. Presentation on the TXDOT’s Sustainable Ways to Integrate Future Transportation (SWIFT) Study  
..... Patrick Mandapaka, H-GAC  
Mr. Mandapaka and TxDOT Staff will provide information on the SWIFT Study
  
- 11. Performance Measures and Targets ..... Karen Owens, H-GAC  
*Ms. Owen will present information on the performance measures and targets for various transportation areas including safety, reliability, asset management*
  
- 12. Recommendations on the amendments to the National Highway System (NHS) .....Mike Burns, H-GAC  
*Mr. Burns will provide an update on the recommendations on the amendments to the NHS.*
  
- 13. Presentation on the Transportation Resiliency and Durability Study... .....Pramod Sambidi, H-GAC  
*Mr. Sambidi will provide information on the Resiliency Study.*
  
- 14. H-GAC Transportation Planning Activities
  - A. Administrative Amendments to the TIP and RTP
  - B. Summary of Planning Activities
  - C. H-GAC Board of Directors Report
  
- 15. Announcements .....Chairman Kenneth Clark
  - Next TAC Meeting – August 19, 2020, 9:30 a.m.
  - Next TPC Meeting – August 28, 2020, 9:30 a.m.
  
- 16. Adjournment

In compliance with the Americans with Disabilities Act, H-GAC will provide reasonable accommodations for persons attending H-GAC functions. Requests from persons needing special accommodations should be received by H-GAC staff at least 24 hours prior to a function. Please call 713-993-2437 for assistance.

The meeting will be conducted in English. However, requests for language interpreters or other special communication needs may be made at least two working days prior to the meeting.

**MINUTES OF THE TRANSPORTATION POLICY COUNCIL  
FOR THE HOUSTON-GALVESTON TRANSPORTATION  
MANAGEMENT AREA**

DATE: Friday, June 26, 2020

TIME: 9:30 a.m.

PLACE: Webinar

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Chair Kenneth Clark called the Transportation Policy Council (TPC) to order at 9:30 a.m.

**ITEM 1. CERTIFICATION OF QUORUM**

Secretary Tom Reid announced that a quorum of TPC membership was present; 14 members comprise a quorum. A quorum was declared present and recorded on the Roll Call, which is included with these Minutes as Attachment 1.

**ITEM 2. INTRODUCTIONS**

Chair Kenneth Clark invited introductions from Council members, staff and Commissioner Laura Ryan of the Texas Transportation Commission.

**ITEM 3. PUBLIC COMMENTS**

Ms. Neely Kim, H-GAC, addressed the Transportation Policy Council and read the names of the individuals who submitted Public Comments by email or correspondence into the record.

The Public Comments can be viewed here:

<http://www.h-gac.com/transportation-policy-council/meeting-agendas/documents/2020/june/public-comments.pdf>

The Public Comments made during the meeting can be heard here:

<https://hgac.swagit.com/play/06262020-629/3/>

**ITEM 4. APPROVAL OF FRIDAY, MAY 22, 2020 MEETING MINUTES SUMMARY**

Secretary Tom Reid made a motion for approval of the May 22, 2020 meeting minutes and was seconded by Chuck Wemple. The Council voted and approved the minutes.

The presentation, comments, questions and discussion under this item are included in the meeting recording at: <https://hgac.swagit.com/play/06262020-629/4/>

**ITEM 5. DEVELOPING A MEMORANDUM OF UNDERSTANDING FOR THE FUTURE COORDINATION ON THE NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT (NHHIP), PATRICK MANDAPAKA, H-GAC**

Patrick Mandapaka, H-GAC gave an overview on developing a memorandum of understanding for the future coordination on the North Houston Highway Improvement Project (NHHIP). After his presentation, he welcomed discussion and comments from members of the Council.

Discussion occurred among several members of the Council, on the purpose and need for an MOU. Some members mentioned that the creation of MOU can broadly describe and identify commitments from different members to the implementation of the NHHIP. There were also opposing thoughts expressed that members are already diligently working on this project, and there is no need to create such a document. Mr. Mandapaka, requested approval for developing a Memorandum of Understanding between Texas Department of Transportation, H-GAC's Transportation Policy Council, City of Houston, Harris County, and Metropolitan Transit Authority of Harris County for future coordination on the North Houston Highway Improvement Project (NHHIP).

A motion was made by Mayor Joe Zimmerman with provisions. The Chairman of the TPC would form a Working Group that would create a Memorandum of Understanding and include the following entities. Upon completion, it would be brought back to the TPC for approval.

- Texas Department of Transportation
- H-GAC's Transportation Policy Council
- City of Houston
- Harris County
- Harris County Flood Control District
- Metropolitan Transit Authority of Harris County

The motion was seconded, the Council voted and approved the motion.

The presentation, comments, questions and discussion under this item are included in the meeting recording at:

<https://hgac.swagit.com/play/06262020-629/5/>

**ITEM 6A. APPROVAL OF THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP), PATRICK MANDAPAKA, H-GAC**

Mr. Patrick Mandapaka requested Approval of the 2021-2024 Transportation Improvement Program (TIP)

A motion was made by Commissioner Billy Combs and it was seconded by Council Member Larry Millican. The Council voted and approved Resolution No. 2020-21

ITEM 6B APPROVAL OF THE ADDITION OF TXDOT GAP PROJECTS, SHEPHERD DURHAM CORRIDOR PROJECT AND GARTH ROAD PROJECT TO THE 2021-2024 TIP

Mr. Patrick Mandapaka, H-GAC, requested approval of the addition of TxDOT gap projects, Shepard Durham Corridor Project and Garth Road Project to the 2021-2024 TIP.

Council Member Robert Hoskins made a motion and was seconded by Mayor Joe Zimmerman. The Council voted and approved Resolution 2020-22

The presentation, comments, questions and discussion under this item are included in the meeting recording at:

<https://hgac.swagit.com/play/06262020-629/6/>

ITEM 7. APPROVAL OF THE TxDOT/MPO SELF-CERTIFICATION, AND OTHER CERTIFICATIONS, PATRICK MANDAPAKA, H-GAC

Mr. Patrick Mandapaka, H-GAC, gave a brief overview of the TxDOT/MPO Self Certification and other certifications. He requested approval of Resolution No. 2020-23 and procurement, lobbying and debarment certifications.

A motion was made by Chuck Wemple and seconded by Mayor Joe Zimmerman. The Council voted and approved Resolution No. 2020-23

The presentation, comments, questions and discussion under this item are included in the meeting recording at:

<https://hgac.swagit.com/play/06262020-629/7/>

ITEM 8. AMENDMENTS TO THE 2020 -2021 UNIFIED PLANNING WORK PROGRAM (UPWP), PATRICK MANDAPAKA, H-GAC

Mr. Patrick Mandapaka, H-GAC, gave a brief overview of proposed changes for the UPWP for FY 2020 and FY 2021. The briefing included obligation of funds, reprogramming of funds and de-obligation of funds.

**Task Funding Summary Table:**

	<b>Beginning Balance</b>	<b>Amount Obligated/ De-obligated/ Reprogrammed</b>	<b>Ending Balance</b>
TASK IV-Long Range Planning			

**TPC Agenda Item 4**  
**Mailout 7/17/20**

FY 2020	\$5,529,395	\$10,000 (1)	\$5,539,395
FY 2021	\$2,244,893	\$1,490,000 (1)	\$3,734,893
Total:	\$7,774,288	\$1,500,000	\$9,274,288

*1. Obligation of Funds, 2. Re-programming of Funds, 3. De-obligation of Funds*

For Information Only. No action needed.

The presentation, comments, questions and discussion under this item are included in the meeting recording:

<https://hgac.swagit.com/play/06262020-629/8/>

ITEM 9. FUTURE AMENDMENTS TO THE 2021-2024 TIP AND 2045 RTP, PATRICK MANDAPAKA., H-GAC

Mr. Patrick Mandapaka, H-GAC, gave an overview of future amendments to the 2021-2024 TIP and 2045 RTP.

- Program the Gulf Coast Center’s Connect Transit FY 2020 program of projects awarded under the Federal Transit Administration’s Urbanized Area Formula Grants program (Section 5307) in FY 2021 of the 2021-2024 TIP. The projects include capital, planning, operating and project and construction management expenditures in the Texas City/La Marque and Lake Jackson/Angleton urbanized areas. Federal funds totaling \$2.7M will be matched with 1,169,333 Transportation Development Credits (TDCs).
- Adjust the funding of two City of Conroe FTA Enhanced Mobility for Seniors and Individuals with Disabilities (Section 5310) projects based on actual apportionments for FY 2019 and FY 2020. Program 67,161 Transportation Development Credits (TDCs) in lieu of matching funds.

For Information Only. No action needed

The presentation, comments, questions and discussion under this item are included in the meeting recording at:

<https://hgac.swagit.com/play/06262020-629/9/>

ITEM 10. H-GAC TRANSPORTATION PLANNING ACTIVITIES

- A. Administrative Amendments to the TIP and RTP
- B. Summary of Planning Activities
- C. Performance Measures
- D. H-GAC Board of Directors Report - Items submitted to the H-GAC Board of Directors in

June are summarized in this item.

For Information Only. No action needed

The presentation, comments, questions and discussion under this item are included in the meeting recording at:

<https://hgac.swagit.com/play/06262020-629/10/>

ITEM 11. ANNOUNCEMENTS

The next TAC Meeting will be Wednesday, July 15, 2020, 9:30 a.m., Online  
The next TPC Meeting will be Friday, July 24, 2020, 9:30 a.m., Online.

Chair Kenneth Clark adjourned the meeting of the TPC at 12:55p.m.

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Hon. Tom Reid, Secretary  
Transportation Policy Council



**Attachment 1  
TRANSPORTATION POLICY COUNCIL (TPC)  
FOR THE HOUSTON-GALVESTON  
TRANSPORTATION MANAGEMENT AREA  
June 26, 2020**

ROLL

<u><b>AGENCY</b></u>	<u><b>VOTING MEMBER/ALTERNATE</b></u>	<u><b>REPRESENTING</b></u>
Baytown, City of	<u>  X  </u> Honorable Robert Hoskins Council Member, District 5 _____ Hon. Heather Betancourth – Alternate	City of Baytown
Conroe, City of	<u>  X  </u> Thomas Woolley _____ Interim Director of Engineering Chris Bogert – Alternate	City of Conroe
Galveston, City of	<u>  X  </u> Honorable Craig Brown _____ Council Member David Collins - Alternate	City of Galveston
Houston, City of	<u>  X  </u> Honorable David W. Robinson _____ Council Member – 1 <sup>st</sup> - <b>Vice Chair</b> <u>  X  </u> Hon. Abbie Kamin- Alternate	City of Houston
Houston, City of	<u>  X  </u> Honorable Carolyn Evans-Shabazz _____ Council Member <u>  X  </u> Hon. Sallie Alcorn - Alternate	City of Houston
Houston, City of	_____ Jeffrey Weatherford, P.E. Director, Public Works & Engineering <u>  X  </u> Maureen Crocker – Alternate	City of Houston
League City, City of	<u>  X  </u> Honorable Larry Millican _____ Council Member, Position 3 _____ Hon. Greg Gripon - Alternate	City of League City
Missouri City, City of	<u>  X  </u> Shashi Kumar, P.E.. _____ Director of Public Works _____ Clifford Brouhard – Alternate	City of Missouri City
Pasadena, City of	_____ Honorable Cary Bass _____ Council Member _____ James Rodriguez – Alternate	City of Pasadena

**TPC Agenda Item 4**  
**Mailout 7/17/20**

<u>AGENCY</u>	<u>VOTING MEMBER/ALTERNATE</u>	<u>REPRESENTING</u>
Pearland, City of	<u>  X  </u> Honorable Tom Reid Mayor - <b>Secretary</b>	City of Pearland
	<u>  X  </u> Jon Branson –Alternate	
Sugar Land, City of	<u>  X  </u> Honorable Joe Zimmerman Mayor	City of Sugar Land
	<u>      </u> Hon. Jennifer Lane – Alternate	
Texas City, City of	<u>  X  </u> Honorable Phil Roberts Mayor Pro Tem	City of Texas City
	<u>  X  </u> Doug Kneupper, P.E. - Alternate	
Waller, City of	<u>  X  </u> Honorable Nancy Arnold Council Member, City of Waller	Smaller Cities, Harris County
Seabrook, City of	<u>      </u> Honorable Natalie Picha - Alternate	
Brazoria County	<u>  X  </u> Honorable Matt Sebesta County Judge – <b>Past Chair</b>	Brazoria County
	<u>      </u> Honorable David Linder – Alternate	
Chambers County	<u>  X  </u> Billy Combs Commissioner	Chambers County
	<u>      </u> Cory Taylor, P.E. - Alternate	
Fort Bend County	<u>  X  </u> Grady Prestage County Commissioner, Pct 2	Fort Bend County
	<u>  X  </u> Stacy Slawinski, P.E. – Alternate	
Galveston County	<u>  X  </u> Kenneth Clark County Commissioner - <b>Chairman</b>	Galveston County
	<u>      </u> Judge Mark Henry – Alternate	
Harris County	<u>      </u> Honorable Lina Hidalgo County Judge	Harris County
	<u>  X  </u> John Blount, P.E. – Alternate	
Harris County	<u>  X  </u> Adrian Garcia County Commissioner, Pct. 2	Harris County
	<u>  X  </u> Milton Rahman, P.E. – Alternate	
Liberty County	<u>      </u> David Douglas Engineering Administrator	Liberty County
	<u>  X  </u> Judge Jay Knight - Alternate	

**TPC Agenda Item 4**  
**Mailout 7/17/20**

<u><b>AGENCY</b></u>	<u><b>VOTING MEMBER/ALTERNATE</b></u>	<u><b>REPRESENTING</b></u>
Montgomery County	<u>  X  </u> _____ Honorable Mark Keough County Judge Commissioner, James Metts – Alternate	Montgomery County
Waller County	<u>  X  </u> _____ Justin Beckendorff County Commissioner – <b>2<sup>nd</sup> VC</b> Commissioner, Walter Smith - Alternate	Waller County
Houston Metropolitan Transit Authority	<u>  X  </u> _____ Carrin Patman METRO Chair <u>  X  </u> _____ Thomas Lambert - Alternate	METRO
Houston-Galveston Area Council At Large	<u>  X  </u> _____ Chuck Wemple Executive Director Jeff Taebel – Alternate	H-GAC
TxDOT	<u>  X  </u> _____ Eliza Paul, P. E. District Engineer <b>TBD</b> – Alternate	TxDOT Houston District
TxDOT	<u>  X  </u> _____ Don Smith, P.E. District Engineer <u>  X  </u> _____ Adam Jack, P.E. – Alternate	TxDOT Beaumont District
Port of Houston Authority	<u>  X  </u> _____ Roger Guenther Executive Director, Port of Houston Phyllis Saathoff, Port Freeport - Alternate	Other Transportation Interests
Gulf Coast Rail District	<u>  X  </u> _____ Dr. Carol Lewis Chairman, GCRD Jeff Ross - Alternate	Gulf Coast Rail District
	<u>  28  </u> <b>Total Voting Membership</b>	
	<u>  27  </u> <b>Voting Membership Present</b>	
	<u>  14  </u> <b>Required Quorum</b>	

**TPC Agenda Item 4**  
**Mailout 7/17/20**

**AGENCY**

**NON-VOTING MEMBERS**

**REPRESENTING**

Texas State Senate	<u>    </u> Hon. Carol Alvarado	8-County Region
Freight Rail Interests	<u>    </u> Brenda Mainwaring	Union Pacific Railroad
Freight Rail Interests	<u>  X  </u> Richard Zientek	Union Pacific Railroad
Freight Rail Interests	<u>  X  </u> Hugh McCulley	BNSF Railway
Texas State Legislator	<u>  X  </u> Hon. Dennis Paul	8-County Region
Texas State Legislator	<u>  X  </u> Hon. Ed Thompson	8-County Region
Wharton County	<u>  X  </u> Hon. Phillip Spenrath County Judge	Wharton County
TxDOT Yoakum District	<u>  X  </u> Paul Reitz, P.E. District Engineer	TxDOT Yoakum District



# Resolution

## NO. 2020-26

**RECOGNIZING AND HONORING THE SERVICE OF  
JEFFREY WEATHERFORD, P.E., PTOE  
CITY OF HOUSTON**

**WHEREAS**, Jeffrey Weatherford, served on H-GAC's Transportation Policy Council representing City of Houston from 2009 to 2020; and

**WHEREAS**, Jeffrey Weatherford, currently serves as the Director of Transportation and Drainage Operations at the City of Houston and the Deputy Director of Houston Public Works; and

**WHEREAS**, Jeffrey Weatherford, served as a member of the Transportation Advisory Committee from 2006 to 2020; and

**WHEREAS**, Jeffrey Weatherford, served as member of H-GAC's Transportation Systems Management and Operations Subcommittee, Transportation Improvement Program Subcommittee, Regional Transportation Plan Subcommittee; and the Transportation Safety Committee; and

**WHEREAS**, Jeffrey Weatherford, served as a member of both the Leadership and Executive Teams for Houston TransStar.

**NOW THEREFORE, BE IT RESOLVED** by the Transportation Policy Council for the Houston-Galveston Transportation Management Area that Jeffrey Weatherford be commended for his distinguished service to the Transportation Policy Council and to the City of Houston. Let it be further resolved that the Transportation Policy Council extends to him its gratitude for his service and wishes his continued success in all his future endeavors.

**UNANIMOUSLY PASSED AND APPROVED** this 24<sup>th</sup> day of July 2020, by the Transportation Policy Council.

APPROVED:

ATTEST:

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Hon. Kenneth Clark, Chairman  
Transportation Policy Council

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Hon. Tom Reid, Secretary  
Transportation Policy Council

**APPROVAL OF A WORKGROUP TO CREATE A MEMORANDUM OF  
UNDERSTANDING FOR THE NORTH HOUSTON HIGHWAY IMPROVEMENT  
PROJECT**

**Background**

At the meeting in June, Transportation Policy Council has approved to develop a Memorandum of Understanding (MOU) between various agencies on the North Houston Highway Improvement Project (NHHIP). In addition, TPC has recommended the TPC Chair to appoint a Workgroup to assist with the development of the MOU and to present that to TPC's approval.

The purpose of the MOU is to articulate the understanding that multiple agencies, including H-GAC, Texas Department of Transportation, City of Houston, Harris County, Harris County Flood Control District, and Metropolitan Transit Authority of Harris County (METRO), will work cooperatively in the planning and implementation of the NHHIP. The MOU can also provide a description of responsibilities or commitments from each agency.

**Current Situation**

TPC Chair, Kenneth Clark will nominate members at the TPC meeting to serve on the workgroup to develop the MOU for the NHHIP and will seek TPC's approval.

**Action Requested**

Approval a Workgroup to develop a Memorandum of Understanding between various agencies on the North Houston Highway Improvement Project.

## **TPC AMENDMENTS TO THE TIP AND RTP**

### **Summary**

- Adjust the funding of two City of Conroe Federal Transit Administration Enhanced Mobility for Seniors and Individuals with Disabilities program (Section 5310) projects based on actual apportionments for FY 2019 and FY 2020. Program 67,161 Transportation Development Credits (TDCs) in lieu of matching funds.
- Program the Gulf Coast Center's Connect Transit FY 2020 program of projects awarded under the Federal Transit Administration's Urbanized Area Formula Grants program (Section 5307) in FY 2021 of the 2021-2024 TIP. The projects include capital, planning, operating and project and construction management expenditures in the Texas City/La Marque and Lake Jackson/Angleton urbanized areas. Federal funds totaling \$2.7M will be matched with 1,169,333 Transportation Development Credits (TDCs).

The above amendments were recommended by TAC for approval at the meeting in July.

### **Action Requested**

Approval of Resolutions 2020-24 (amendments) and 2020-25 (TDCs) by the Transportation Policy Council.

H-GAC 2021-2024 TIP and 2045 RTP

July 2020 TPC Amendments

MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications					
				STIP?	Funding (M)		Scope	Schedule	
					Fed/State	Local			
<a href="#">9410</a> <a href="#">NULL</a>	CITY OF CONROE (MON)	CITY OF CONROE (VA, VA) ENHANCED MOBILITY FOR SENIORS AND INDIVI...	T	Yes	<input checked="" type="checkbox"/>	+ \$0.0	34K TDCs		
<a href="#">9730</a> <a href="#">NULL</a>	CITY OF CONROE (MON)	CITY OF CONROE (VA, VA) ENHANCED MOBILITY FOR SENIORS AND INDIVI...	T	Yes	<input checked="" type="checkbox"/>	-0-	33K TDCs		
<a href="#">18649</a> <a href="#">NULL</a>	GULF COAST CENTER (BRA)	TEXAS CITY/LA MA... (VA, VA) TRANSIT CAPITAL EXPENDITURES: FY 2020	T	Yes	<input checked="" type="checkbox"/>	+ \$0.6	120K TDCs		<input checked="" type="checkbox"/> Add to FY 2021.
<a href="#">18650</a> <a href="#">NULL</a>	GULF COAST CENTER (BRA)	TEXAS CITY/LA MA... (VA, VA) TRANSIT PLANNING EXPENDITURES: FY 2020	T	Yes	<input checked="" type="checkbox"/>	+ \$0.2	45K TDCs		<input checked="" type="checkbox"/> Add to FY 2021.
<a href="#">18651</a> <a href="#">NULL</a>	GULF COAST CENTER (BRA)	TEXAS CITY/LA MA... (VA, VA) TRANSIT OPERATING EXPENDITURES: FY 2020	T	Yes	<input checked="" type="checkbox"/>	+ \$0.7	691K TDCs		<input checked="" type="checkbox"/> Add to FY 2021.
<a href="#">18652</a> <a href="#">NULL</a>	GULF COAST CENTER (BRA)	LAKE JACKSON/ANG... (VA, VA) TRANSIT CAPITAL EXPENDITURES TO INCLUDE ...	T	Yes	<input checked="" type="checkbox"/>	+ \$0.9	182K TDCs		<input checked="" type="checkbox"/> Add to FY 2021.
<a href="#">18653</a> <a href="#">NULL</a>	GULF COAST CENTER (BRA)	LAKE JACKSON/ANG... (VA, VA) TRANSIT PLANNING EXPENDITURES: FY 2020	T	Yes	<input checked="" type="checkbox"/>	+ \$0.1	28K TDCs		<input checked="" type="checkbox"/> Add to FY 2021.





# Resolution

## NO. 2020-24

AUTHORIZING AMENDMENTS OF THE 2045 REGIONAL TRANSPORTATION PLAN (RTP) AND THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA

**WHEREAS**, the 2045 Regional Transportation Plan was adopted by the Transportation Policy Council on April 5, 2019; and

**WHEREAS**, the 2021-2024 Transportation Improvement Program for the Houston-Galveston Transportation Management Area was adopted by the Transportation Policy Council on June 26, 2020; and

**WHEREAS**, the proposed revisions to the 2021-2024 Transportation Improvement Program are consistent with the 2045 Regional Transportation Plan and its finding of conformance with the State Implementation Plan for air quality; and

**WHEREAS**, the proposed revisions to the 2021-2024 Transportation Improvement Program are consistent with the federal fiscal constraint requirements established for the Transportation Improvement Program and are consistent with the financially constrained 2045 Regional Transportation Plan.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT THE 2045 REGIONAL TRANSPORTATION PLAN AND THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM BE AMENDED TO REFLECT THE REVISIONS IDENTIFIED IN THE TABLE OF **JULY 2020 TPC AMENDMENTS**.

BE IT FURTHER RESOLVED THAT FEDERAL FUNDS AUTHORIZED BY THE TPC FROM THE CONGESTION MITIGATION AND AIR QUALITY (CMAQ) AND SURFACE TRANSPORTATION BLOCK GRANT (STBG) PROGRAMS REPRESENT A LIMITING AMOUNT. ANY COST OVERRUNS ON PHASES OF WORK AUTHORIZED BY THE TPC OR COSTS INCURRED ON PHASES OF WORK NOT AUTHORIZED BY THE TPC SHALL BE THE RESPONSIBILITY OF THE PROJECT SPONSOR. IN NO CASE, SHALL FEDERAL PARTICIPATION UNDER THE CMAQ AND STBG PROGRAMS BE INCREASED WITHOUT CONSULTATION AND THE EXPRESS APPROVAL OF THE TPC.

**PASSED AND APPROVED** this 24th day of July 2020, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

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Hon. Kenneth Clark, Chairman  
Transportation Policy Council

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Hon. Tom Reid, Secretary  
Transportation Policy Council



# Resolution

## NO. 2020-25

APPROVING THE AWARD OF TRANSPORTATION DEVELOPMENT CREDITS (TDCs) AND AUTHORIZING RELATED AMENDMENTS TO THE *2045 REGIONAL TRANSPORTATION PLAN* (RTP), AND TO THE *2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM* (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA.

WHEREAS, Texas Administrative Code, Title 43 Subchapter H, identifies the purpose, goals, and administrative requirements for the Transportation Development Credit Program in the State of Texas, including the sub-allocation of credits to Metropolitan Planning Organizations (MPOs); and

WHEREAS, the Texas Department of Transportation has documented the current balance of credits allocated to H-GAC, the MPO for the Houston-Galveston Transportation Management Area; and

WHEREAS, Texas Administrative Code, Title 43 §5.106, establishes requirements for the award of transportation development credits by MPOs; and

WHEREAS, the Houston-Galveston Area Council has established a documented process for the evaluation of applications and the award of credits; and

WHEREAS, the Houston-Galveston Area Council is in receipt of requests for credits; and

WHEREAS, the award of credits for these purposes is consistent with the Policy governing the consideration of requests for credits adopted by the Policy Council on September 27, 2013.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT TRANSPORTATION DEVELOPMENT CREDITS BE MADE AVAILABLE TO THE **CITY OF CONROE (MPOIDS 9410 AND 9730) AND GULF COAST CENTER (MPOIDS 18649, 18650, 18651, 18652, 18653 AND 18654)**, AND THAT THE TRANSPORTATION DIRECTOR IS DIRECTED TO ENTER INTO ANY NECESSARY PROJECT AGREEMENTS.

PASSED AND APPROVED this 24th day of July 2020, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

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Hon. Kenneth Clark, Chairman  
Transportation Policy Council

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Hon. Tom Reid, Secretary  
Transportation Policy Council



# CITY OF CONROE

Est. 1904

May 11, 2020

Mr. Alan Clark  
Houston-Galveston Area Council  
P.O. Box 22777  
Houston, TX 77227-2777

**RE: City of Conroe FY 2019 and FY 2020 FTA Section 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program Grants TIP Amendment Request and TDC Request**

Dear Mr. Clark:

The City of Conroe (City) respectfully request H-GAC’s consideration in granting an amendment to MPOID’s 9730 and 9410. The initial programming amounts were estimates based on FY2018 awards. The apportionments increased for fiscal year 2019 and 2020 and we would like to amend the amounts.

The City also requests that TDC’s be awarded to these two grants. The City will award funds to Meals on Wheels Montgomery County, which has very limited local resources for match. The TDC applications have been attached and the amendments are as follows:

<u>Fiscal Year</u>	<u>MPOID</u>	<u>Federal</u>	<u>TDC Request</u>
2019	9730	\$164,556	32,911
2020	9410	\$171,248	34,250

If you have any questions concerning this request, please contact me at (936) 522-3122 or [twoolley@cityofconroe.org](mailto:twoolley@cityofconroe.org).

Respectfully,

Sincerely,

Thomas E. Woolley, Jr.  
Director Capital Projects/Transportation



May 11, 2020

Mr. Alan Clark  
Houston-Galveston Area Council  
P.O. Box 22777  
Houston, Tx 77227-2777

Re: Gulf Coast Center TDC and TIP Programming Request for FY 20 FTA  
5307 Urban Area Formula Program of Projects

Dear Mr. Clark,

The Gulf Coast Center (GCC) respectfully requests H-GAC program GCC's FY 20 program of projects awarded under FTA Formula 5307 program. GCC also requests H-GAC's consideration in providing Transportation Development Credits as local match for these awards.

The program of projects and TDC requests are shown in the table below. If you have any questions regarding this request, please contact me at (409) 944-4446.

<i>Connect Transit FY 20 Section 5307 Program of Projects</i>			
<b>Urbanized Area</b>	<b>Project</b>	<b>Fed Funds</b>	<b>TDC Request</b>
Texas City / La Marque	Transit Capital Expenditures	\$601,726	120,346
Texas City / La Marque	Transit Planning Expenditures	\$225,000	45,000
Texas City / La Marque	Transit Operating Expenditures	\$690,535	690,535
<b>Total</b>		<b>\$1,517,261</b>	<b>855,881</b>
Lake Jackson/Angleton	Transit Capital Expenditures to include Project management and Construction Management	\$909,317	181,863
Lake Jackson/Angleton	Transit Planning Expenditures	\$137,500	27,500
Lake Jackson/Angleton	Transit Operating Expenditures	\$104,089	104,089
<b>Total</b>		<b>\$1,150,905</b>	<b>313,452</b>



Respectfully,

**Theodore Ross**  
**Operations Manager**  
**Gulf Coast Center – Connect Transit**

10000 Emmett F Lowry,  
Suite 1220  
Texas City, TX 77591  
409.763.2373  
Toll Free- 1-800-643-0967  
FAX 409.763-5538

[www.GulfCoastCenter.org](http://www.GulfCoastCenter.org)

*Better community healthcare promoting healthy living.*

# H-GAC Transportation Development Credits Application

## Contact Information

<b>Name</b>	<b>Phone Number</b>	<b>E-Mail Address</b>
Shawn Johnson	936-522-3526	smiddleton@thegoodmancorp.com

## Project Information

<b>MPOID</b>	<b>Sponsor Name</b>
9410	The City of Conroe
<b>TIP Project Description</b>	
Purchase of Service, Preventative Maintenance in support of transit services.	
<b>Federal Cost</b>	<b>TDC Request</b>
\$\$171,248.00	34,250
<b>Is this project currently in the TIP?</b>	<b>TIP Year</b>
Yes	2019

## Priority Use of TDCs

**TDC Priority**  
Support of Federal Transit Funding

**Please explain how the use of TDCs will help meet the priority established for this project.**

City of Conroe is awarding funds to Meals on Wheels Montgomery County for Purchase of Service within City of Conroe and The Woodlands. The TDCs are critical to MOWMC ability to spend federal funds since they have limited local resources. The City of Conroe will use existing local funding to continue to support on-going transit operations.

## Maintenance of Local Investment

**Roadway, Transit, or Other Project?**  
Transit Project

**Explain and document the effect the TDC's will have on local and non-federal funding support for existing transit services.**

TDC's will allow the City of Conroe to utilize 100% of their existing 5310 on providing much needed transit services for support of the community during the Covid-19 National Emergency. With TDCs matching the Formual 5310 funds, existing local funding will be used to support on-going transit operations and allow the City of Conroe the flexibility of providing transit services to the community and providing maximum assistance to community members effected by the Covid-19 Pandemic.

## Date Submitted

6/1/2020 2:33:39 PM

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Shawn Johnson	936-522-3526	smiddleton@thegoodmancorp.com

## Project Information

<b>MPOID</b> 9730	<b>Sponsor Name</b> The City of Conroe
<b>TIP Project Description</b> Purchase of Service, Preventative Maintenance in support of transit services.	
<b>Federal Cost</b> \$\$164,556.00	<b>TDC Request</b> 32,911
<b>Is this project currently in the TIP?</b> Yes	<b>TIP Year</b> 2019

## Priority Use of TDCs

**TDC Priority**  
Support of Federal Transit Funding

**Please explain how the use of TDCs will help meet the priority established for this project.**

City of Conroe is awarding funds to Meals on Wheels Montgomery County for Purchase of Service within City of Conroe and The Woodlands. The TDCs are critical to MOWMC ability to spend federal funds since they have limited local resources. The City of Conroe will use existing local funding to continue to support on-going transit operations.

## Maintenance of Local Investment

**Roadway, Transit, or Other Project?**  
Transit Project

**Explain and document the effect the TDC's will have on local and non-federal funding support for existing transit services.**

TDC's will allow the City of Conroe to utilize 100% of their existing 5310 on providing much needed transit services for support of the community during the Covid-19 National Emergency. With TDCs matching the Formual 5310 funds, existing local funding will be used to support on-going transit operations and allow the City of Conroe the flexibility of providing transit services to the community and providing maximum assistance to community members effected by the Covid-19 Pandemic.

## Date Submitted

6/1/2020 2:35:54 PM

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Theodore Ross	409-381-0567	theodoror@gulfcoastcenter.org

## Project Information

MPOID	Sponsor Name
18649	Gulf Coast Center

### TIP Project Description

The Gulf Coast Center is requesting 855,701 Transportation Development Credits (TDCs) as local match for the Texas City / La Marque Small Urbanized Area FY 20 Section 5307 Program of Projects. The Program of Projects is broken down into Transit Capital Federal Funds --\$601,726 TDC Request 120,346.

Federal Cost	TDC Request
\$601,726	120,346

**The TDC Request amount you provided is higher or lower than 20% of the federal cost. Please provide an explanation.**

TDC request rounded to next higher dollar.

Is this project currently in the TIP?	TIP Year
Yes	2020

## Priority Use of TDCs

### TDC Priority

Support of Federal Transit Funding

**Please explain how the use of TDCs will help meet the priority established for this project.**

GCC will use TDCs as match for FY2020 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to other projects, to support on going transit operations and the purchase of rolling stock.

## Maintenance of Local Investment

### Roadway or Transit Project?

Transit Project

**Explain and document the effect the TDC's will have on local and non-federal funding support for existing transit services.**

TDCs will allow GCC to utilize 100% of their 5307 funds on supporting transit operations and the local funds normally allocated to these projects can be used for support of public transit. With TDCs matching the FY 20 5307 grant, existing local funding will be used to support on going transit operations and enable the purchase of rolling stock.

GCC continues to provide local funding in support of public transit and has a local funding budget of \$745,000 for FY 2020.

Date Submitted



# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Theodore Ross	409-381-0567	theodoror@gulfcoastcenter.org

## Project Information

MPOID	Sponsor Name
18650	Gulf Coast Center

### TIP Project Description

The Gulf Coast Center is requesting 855,701 Transportation Development Credits (TDCs) as local match for the Texas City / La Marque Small Urbanized Area FY 20 Section 5307 Program of Projects. The Program of Projects is broken down into Transit Planning Federal Funds \$225,000 TDC Request 45,000.

Federal Cost	TDC Request
\$225,000	45,000
Is this project currently in the TIP?	TIP Year
Yes	2020

## Priority Use of TDCs

### TDC Priority

Support of Federal Transit Funding

### Please explain how the use of TDCs will help meet the priority established for this project.

GCC will use TDCs as match for FY2020 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to other projects, to support on going transit operations and the purchase of rolling stock.

## Maintenance of Local Investment

### Roadway or Transit Project?

Transit Project

### Explain and document the effect the TDC's will have on local and non-federal funding support for existing transit services.

TDCs will allow GCC to utilize 100% of their 5307 funds on supporting transit operations and the local funds normally allocated to these projects can be used for support of public transit. With TDCs matching the FY 20 5307 grant, existing local funding will be used to support on going transit operations and enable the purchase of rolling stock.

GCC continues to provide local funding in support of public transit and has a local funding budget of \$745,000 for FY 2020.

### Date Submitted

5/29/2020 12:34:03 PM

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Theodore Ross	409-381-0567	theodorer@gulfcoastcenter.org

## Project Information

MPOID	Sponsor Name
18651	Gulf Coast Center

### TIP Project Description

The Gulf Coast Center is requesting 855,701 Transportation Development Credits (TDCs) as local match for the Texas City / La Marque Small Urbanized Area FY 20 Section 5307 Program of Projects. The Program of Projects is broken down into Transit Operating Federal Funds --\$690,535 TDC Request 690,535

Federal Cost	TDC Request
\$\$690,535.00	690,535

**The TDC Request amount you provided is higher or lower than 20% of the federal cost. Please provide an explanation.**

Transit operating cost is reimbursed at a 50/50 ratio. The TDC's will match the local match requirement for transit related projects.

Is this project currently in the TIP?	TIP Year
Yes	2020

## Priority Use of TDCs

### TDC Priority

Support of Federal Transit Funding

**Please explain how the use of TDCs will help meet the priority established for this project.**

GCC will use TDCs as match for FY2020 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to other projects, to support on going transit operations and the purchase of rolling stock.

## Maintenance of Local Investment

### Roadway, Transit, or Other Project?

Transit Project

**Explain and document the effect the TDC's will have on local and non-federal funding support for existing transit services.**

TDCs will allow GCC to utilize 100% of their 5307 funds on supporting transit operations and the local funds normally allocated to these projects can be used for support of public transit. With TDCs matching the FY 20 5307 grant, existing local funding will be used to support on going transit operations and enable the purchase of rolling stock.

GCC continues to provide local funding in support of public transit and has a local funding budget of \$745,000 for FY 2020.

## Date Submitted

6/1/2020 2:46:19 PM

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Theodore Ross	409-381-0567	theodoror@gulfcoastcenter.org

## Project Information

MPOID	Sponsor Name
18652, 18653, 18654	Gulf Coast Center

### TIP Project Description

The Gulf Coast Center is requesting 313,452 Transportation Development Credits (TDCs) as local match for the Lake Jackson / Angleton Small Urbanized Area FY 20 Section 5307 Program of Projects. The Program of Projects is broken down into Transit Capital Federal Funds - \$909,317 TDC Request - 181,863, Transit Planning Federal Funds \$137,500 TDC Request 27,500, Transit Operating Federal Funds - \$104,089 TDC Request 104,089.

Federal Cost	TDC Request
\$\$1,150,905.00	313,452

**The TDC Request amount you provided is higher or lower than 20% of the federal cost. Please provide an explanation.**

Transit operating cost is reimbursed at a 50/50 ratio. The TDC's will match the local match requirement for transit related projects.

Is this project currently in the TIP?	TIP Year
Yes	2020

## Priority Use of TDCs

### TDC Priority

Support of Federal Transit Funding

**Please explain how the use of TDCs will help meet the priority established for this project.**

GCC will use TDCs as match for FY2020 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to other projects, to support on-going transit operations and the purchase of rolling stock.

## Maintenance of Local Investment

### Roadway, Transit, or Other Project?

Transit Project

**Explain and document the effect the TDC's will have on local and non-federal funding support for existing transit services.**

TDCs will allow GCC to utilize 100% of their 5307 funds on supporting transit operations and the local funds normally allocated to these projects can be used for support of public transit. With TDCs matching the FY 20 5307 grant, existing local funding will be used to support on-going transit operations and enable the purchase of rolling stock.

GCC continues to provide local funding in support of public transit and has a local funding budget of \$745,000 for FY 2020.

## Date Submitted

6/1/2020 3:11:17 PM

**AMENDMENTS TO THE 2020-2021 UNIFIED PLANNING WORK PROGRAM  
(UPWP)**

**Background**

The 2020-2021 Unified Planning Work Program (UPWP) describes the regional transportation plans and programs, and the transportation-related air quality planning activities that will be undertaken during fiscal years 2020 and 2021. The current 2020-2021 UPWP was adopted by the Transportation Policy Council (TPC) on July 19, 2019.

**Current Situation**

The North Houston Community Transportation Priorities Plan represents a concentrated effort to identify existing immediate, short-term, and long-term transportation improvement needs for the communities potentially impacted by construction in this area. This project will re-affirm transportation needs of the plan area and identify transportation network gaps such as needed bike lanes, transit stops, or viable walking infrastructure to provide connectivity. The plan is intended to guide investments and encourage responsible implementation choices that improve multimodal transportation options, increase safety and traffic flow, reduce congestion, and improve air quality while maintaining the aesthetics of the area and improving the quality of life in the communities.

- An amendment is requested to the 2020-2021 UPWP for TASK 4, Subtask 4.3 to add description on the North Houston Community Transportation Priorities Plan, as well as obligating STBG funds in the 2020-2021 UPWP budget.

**Task IV-Subtask 4.3 Regional Planning**

1. Subtask 4.3c Sub-regional Planning Initiatives- request that the description on the North Houston Community Transportation Priorities Plan be added to the 2020-2021 UPWP.
2. Subtask 4.3c Sub-regional Planning Initiatives- request that a total of \$1,500,000 STBG funds be obligated to the 2020-2021 UPWP for the North Houston Community Transportation Priorities Plan. It is requested that the amount of \$10,000 STBG funds be obligated to the FY 2020 UPWP and the amount of \$1,490,000 STBG funds be obligated to the FY 2021 UPWP.

**Task Funding Summary Table:**

TASK IV-Long Range Planning	Beginning Balance	Amount Obligated/ De-obligated/ Reprogrammed	Ending Balance
FY 2020	\$5,529,395	\$10,000 (1)	\$5,539,395
FY 2021	\$2,244,893	\$1,490,000 (1)	\$3,734,893
Total:	\$7,774,288	\$1,500,000	\$9,274,288

*1. Obligation of Funds, 2. Re-programming of Funds, 3. De-obligation of Funds*

This UPWP amendment was recommended for approval at the TAC meeting in July, and it was previewed at the TPC meeting in June.

**Action Requested**

TPC approval of Resolution No. UPWP 20/21-1.



# Resolution

No. UPWP 20/21-1

ADOPTING AMENDMENTS TO THE 2020-2021 UNIFIED PLANNING WORK PROGRAM FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA.

WHEREAS, the Transportation Policy Council adopted the 2020-2021 Unified Planning Work Program (UPWP) on July 19, 2019; and

WHEREAS, this amendment makes the following changes to TASK IV-Metropolitan Transportation Planning:

1. Add task description for the North Houston Community Transportation Priorities Plan to the 2020-2021 UPWP under Subtask 4.3c-Sub-regional Planning Initiatives.
2. Obligate Surface Transportation Block Grant (STBG) funds for the North Houston Community Transportation Priorities Plan to the 2020-2021 UPWP under Subtask 4.3c-Sub-regional Planning Initiatives.

**NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL, THAT REVISIONS TO THE 2020-2021 UNIFIED PLANNING WORK PROGRAM, ARE HEREBY APPROVED AND INCORPORATED INTO THE 2020-2021 UNIFIED PLANNING WORK PROGRAM.**

**PASSED AND APPROVED**, this 24<sup>th</sup> day of July 2020, at a regularly called meeting of the Transportation Policy Council for the Houston-Galveston Transportation Management Area.

APPROVED:

ATTEST:

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Hon. Kenneth Clark, Chairman  
Transportation Policy Council

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Hon. Tom Reid, Secretary  
Transportation Policy Council

**BRIEFING ON FUTURE TPC AMENDMENTS TO THE TIP AND RTP**

**Summary**

There are no future amendments to the 2021-2024 TIP and the 2045 RTP to preview this month.

**Action Requested**

For information only.

## **PRESENTATION ON THE SUSTAINABLE WAYS TO INTEGRATE FUTURE TRANSPORTATION (SWIFT) STUDY**

### **Background**

The Houston region faces unprecedented changes in technology, population growth and development, and an ever-expanding platform of transportation options. In response, the Texas Department of Transportation's Houston District sought to better understand how these changes might affect the transportation network. In 2019, the Planning Section of the Houston District kicked off a subregional study entitled Sustainable Ways to Integrate Future Transportation (SWIFT). The goal of the study was to identify a way to answer the questions "what if". What if commuter rail was implemented in the region? What will the effect be of autonomous vehicles? What if we have another large scale, major residential development?

The study covered an area of more than 600 square miles in the west Harris and Fort Bend/Waller area. A Project Advisory Committee composed of local subject matter experts was complimented by a Peer Review Committee composed of worldwide experts.

The result of the study is the SWIFT tool, an exploratory modeling tool based on data-driven, performance-based and scenario planning methodologies, to study and evaluate future uncertainties in land use, travel behavior, mobility policy, and emerging technologies at a sub-regional scale. The tool is designed to help planners and policy makers explore a wide range of future uncertainties, model and evaluate their impacts, construct feasible scenarios, identify future needs, and narrow the focus area for transportation infrastructure investment at a regional level. The tool provides an easy to understand GIS-based graphic user interface for users to quickly build scenarios, evaluate impacts with quantitative performance measures while also assessing potential risks associated with each scenario. TxDOT staff will present results from the SWIFT study.

### **Action Requested**

Information only.

## PERFORMANCE MEASURES AND TARGETS

### Background

A performance-based transportation planning process is a federal requirement in the development of the Transportation Improvement Program (TIP) and the Regional Transportation Plan (RTP). Federal legislation created Transportation Performance Management to focus federal funds on addressing the challenges facing the transportation system. Performance management is a powerful analytical tool for tracking performance over time and can illustrate how we are meeting the regional goals for improved performance of the transportation system. The process for measuring performance consists of gathering data, formulating a quantitative forecast, setting targets, monitoring conditions, and reporting target progress over four-year periods. The first federal performance period is 2018 to 2022, with biennial reporting at the mid-point in 2020. H-GAC has responsibility for these federal performance measures in the key areas of safety, pavement and bridge assets, reliability, congestion, air quality and Transit Asset Management. Back in 2018, the Transportation Policy Council adopted targets for 2020 and 2022.

### Current Situation

H-GAC has reached the mid-point of the four-year performance period, therefore, biennial reporting is required by the federal deadline of September 30, 2020. H-GAC staff has been gathering and analyzing data, researching underlying conditions and assessing progress toward achieving the 2020 targets and forecast and adjusting the 2022 targets. A public comment period for the draft performance recommendations began July 8 and ends August 8. The draft recommendations of target progress and reporting can be viewed at: <http://www.h-gac.com/transportation-performance-measures/default.aspx> and <http://www.h-gac.com/transportation-performance-measures/scorecard.aspx>.

Over the next two months, staff will continue working with local governments, subcommittees, the Transportation Advisory Committee and the Transportation Policy Council to review and finalize the draft targets, future target adjustments and reporting. In order to meet the September deadline, the Transportation Policy Council is scheduled to approve the targets and performance reporting at its September 25<sup>th</sup> meeting.

Draft performance, target achievement and targets adjustments for the performance areas of safety, pavement and bridge assets, reliability, congestion, air quality and Transit Asset Management are identified in the tables in the following tables.



SAFETY PERFORMANCE						
Measure	2013-2017 Baseline (5-yr. rolling average)	2018 Targets	2018 Actuals	2018 Target achieved?	2019 Targets	2020 Targets*
Number of Fatalities	646	671	590	YES	699	728
Rate of Fatalities	1.2	1.0	0.9	YES	1.0	1.1
Number of Serious Injuries	3,506	3,578	3,183	YES	3,568	3,293
Rate of Serious Injuries	5.2	5.6	4.8	YES	5.1	5.0
Number of Non-motorized Fatalities & Serious Injuries	339	348	365	NO	306	269

\*2022 Targets adjusted to reflect 2020 actual conditions

PAVEMENT & BRIDGE CONDITIONS						
Measure	2018 Baseline	2020 Targets	2020 Actuals	2020 Target achieved?	2022 Targets	2022 Target Adjustments**
Interstate pavements in good condition	48.5%	48.5%	42.1%	NO	48.5%	42.1%
Interstate pavements in poor condition	0.0%	0.0%	0.1%	NO	0.0%	0.1%
Non-Interstate pavements in good condition	46.7%	46.7%	34.4%*	NO	46.7%	34.4%
Non-Interstate pavements in poor condition	11.3%	11.3%	24.8%*	NO	11.3%	24.8%
National Highway System bridge deck area in good condition	48.6%	48.6%	49.1%	YES	48.6%	49.1%
National Highway System bridge deck area in poor condition	0.6%	0.6%	1.2%	NO	0.6%	1.2%

\*1,900 Off-System lane miles were omitted when targets were set in 2018.

\*\*2022 Targets adjusted to reflect 2020 actual conditions

RELIABILITY & CONGESTION						
Measure	2018 Baseline	2020 Targets	2020 Actuals	2020 Target achieved?	2022 Targets	2022 Target Adjustments*
Interstate Reliability of Person Miles Traveled	63%	63%	69%	YES	63%	69%
Non-Interstate Reliability of Person Miles Traveled	73%	73%	80%	YES	73%	80%
<i>(An increased value indicates improvement.)</i>						
Interstate Truck Travel Time Reliability Index	2.1	2.1	2.2	NO	2.1	2.2
Peak Hour Excessive Delay	14	14	14	YES	14	14
<i>(A decreased value indicates improvement.)</i>						
Non-Single Occupant Vehicle Trips	20.1%	21.1%	21.1%	YES	22.1%	20.0%
<i>(An increased value indicates improvement.)</i>						

\*2022 Targets adjusted to reflect 2020 actual conditions

CONGESTION MITIGATION AIR QUALITY						
On-Road Mobile Source Emission Reductions						
Measure	2018 Baseline	2020 Targets	2020 Actuals	2020 Target achieved?	2022 Targets	2022 Target Adjustments*
Reporting Years	--	2019 - 2020	2019 - 2020	--	2019 - 2022	2018-2021
Emission Reductions of NOx (kg/day)	453.741	1,419.426	158.319	NO	1,883.294	1,429.077
Emission Reductions of VOC (kg/day)	66.850	169.301	52.010	NO	200.809	131.243

\*2022 Target Adjustment - historical average of CMAQ projects and scaling factor

TRANSIT ASSET MANAGEMENT – H-GAC REGIONAL TARGETS						
Measure	2018 Baseline	2020 Targets	2020 Actuals	2020 Target achieved?	2022 Targets	2022 Target Adjustments
Rolling Stock (revenue vehicles)	11%	11%	10%	YES	11%	10%
Equipment (non-revenue vehicles)	46%	46%	46%	YES	46%	No adjustment
Facilities (buildings and structures)	55%	55%	55%	YES	54%	No adjustment
Infrastructure (rail tracks, signals & systems)	0%	0%	0%	YES	0%	No adjustment
<i>Note: A lower percentage indicates better conditions of the transit assets.</i>						

**Action Requested**

Information only.

**RECOMMENDATIONS ON THE AMENDMENTS TO THE NATIONAL HIGHWAY SYSTEM**

**Background**

Periodically FHWA, TxDOT, and MPOs conduct a review of the region’s highways and intermodal connectors designated on the National Highway System (NHS). In 2018, TxDOT hired Jacobs Engineering Group, Inc. (Jacobs) as the consultant to conduct an initial review of the statewide NHS. This review is to be completed before September 2020.

As you may recall, in April 2019, H-GAC staff presented the initial recommendations to the Technical Advisory Committee, RTP Subcommittee, and Freight Subcommittee for review and comment. After two rounds of collaboration and participation from several communities, recommendations were provided to FHWA and TxDOT in July 2019 for their review. FHWA and TxDOT, through Jacobs, have now provided the results of their review and seek regional concurrence with the recommendations.

Major considerations for NHS inclusion:

- Serve major activity centers or intermodal facilities
- Service long-distance travel needs and connect large regions
- Provide mobility across a region, especially between outlying areas and the urban core
- Avoid residential areas and provide limited access to surrounding land uses
- Directly link Interstate Highways, Freeways, or Expressways

Recommended modifications:

<b>Modification</b>	<b>Miles (2018 Roadway Inventory)</b>	<b>Lane-Miles (2018 Roadway Inventory)</b>	<b>Miles (NHS Modification Layer)</b>
Add to NHS	113.2	417.7	113.9
Remove from NHS	115.9	463.7	115.8

Recommended deferrals:

<b>Facility</b>	<b>Type</b>	<b>Modification</b>	<b>Justification</b>
NHS Network	19 Corridors	16 Request to Add 3 Request to Remove	Connectivity and capacity issues; dependent on other decisions
Intermodal Facilities	22 Facilities	Request to Add	No enough data available for evaluation; already in the FHWA listing

**Current Situation**

H-GAC staff requests that TAC members review the FHWA and TxDOT recommended modifications to the NHS corridors and intermodal connectors. The recommendations will be discussed at the July 15, 2020 TAC meeting. Subsequently, approval will be requested at the August 19, 2020 TAC meeting, which is followed by action at August 28, 2020 TPC meeting.

Webapp used to view the 2020 NHS Update recommendations for corridor and intermodal connectors:  
<https://jacobs.maps.arcgis.com/apps/webappviewer/index.html?id=2d8feae0026f4899ac4181093671d13f>

Use the link below to access these documents:

- H-GAC Modification Request Packet
- H-GAC Deferral Details
- H-GAC Concurrence Resolution

<https://h-gac.sharefile.com/d-sb937708e2e847f3b>

**Timeline**

<i>Complete</i>	<i>March 18, 2019</i>	<i>Initial meeting of FHWA-HOU, TxDOT, H-GAC staff</i>
<i>Complete</i>	<i>April 10, 2019</i>	<i>Initial request for recommendations from TAC by H-GAC staff</i>
<i>Complete</i>	<i>June 19, 2019</i>	<i>2<sup>nd</sup> round of recommendations request from TAC by H-GAC staff</i>
<i>Complete</i>	<i>July 3, 2019</i>	<i>TAC recommendations provided to H-GAC</i>
<i>Complete</i>	<i>July 10, 2019</i>	<i>H-GAC submits recommendations to FHWA and TxDOT</i>
<i>Complete</i>	<i>Fall 2019 – Summer 2020</i>	<i>FHWA and TxDOT review of comments; development of final recommendations</i>
<b>On-going</b>	<b>July – August 2020</b>	<b>TAC and TPC review and approval of FHWA and TxDOT final recommendations and concurrence statement</b>
Future	TBD	TxDOT develops official submission documentation for FHWA
Future	TBD	Official State maps are updated to reflect NHS modifications

**Action Requested**

For information only.

## **PRESENTATION ON THE TRANSPORTATION RESILIENCY AND DURABILITY STUDY**

### **Background**

In the aftermath of Hurricane Harvey, the Houston-Galveston Area Council (H-GAC) applied for and was selected to participate as a pilot in the Federal Highway Administration's (FHWA) Resilience and Durability to Extreme Weather Pilot Program. Beginning in Spring 2019, H-GAC began work with federal, state, and local partners to conduct a criticality and vulnerability assessment of transportation assets in the 8-County Houston-Galveston Metropolitan Planning Organization (MPO) region. The vulnerability assessment will use FHWA's Vulnerability Assessment Scoring Tool (VAST) which includes consideration of exposure, sensitivity, adaptive capacity, and risk. Resiliency recommendations will be developed based on criticality and vulnerability assessment results. The results from the vulnerability assessment can be used to prioritize funding for future transportation projects.

### **Current Situation**

H-GAC staff in coordination with consultant assistance provided by the Texas A&M Transportation Institute (TTI), finished the criticality and vulnerability assessment for road segments and bridges to extreme weather events in the H-GAC MPO region. The team also identified potential adaptation strategies to protect vulnerable and critical assets and developed criteria that H-GAC can consider when selecting a strategy.

On May 12, 2020, H-GAC shared the results and strategies with external stakeholders including federal government, local government, nonprofit, and academic representatives. The following is a brief summary of the results:

**Criticality Assessment Results:** Out of the 762 centerline freeway miles and 6,440 major road miles in the region, 92 centerline freeway miles (12%) and 551 centerline major road miles (9%) are found to be highly critical.

**Vulnerability Assessment Results:** With respect to vulnerability, 13% of freeway centerline miles and 12% of major road centerline miles are found to be highly vulnerable to flooding, storm surge and sea-level rise.

**Criticality-Vulnerability Matrix:** The intersection between the criticality and vulnerability assessments – known as the Criticality-Vulnerability Matrix – was developed to identify those assets that are both highly critical and highly vulnerable, and therefore a priority for mitigation strategies in the project area. Around 9.5 centerline miles of freeway and 48 centerline miles of major roads are found to be highly critical and highly vulnerable to extreme weather events.

**Regional Resilience Tool:** As part of the pilot study, the team developed the [Regional](#)

[Resilience Tool](#) to display the criticality and vulnerability of road segments. The tool also includes the modeled flood exposure depth grid data, which identifies the specific parts of the road segment that are vulnerable to flooding. This information is useful in planning road improvements and developing mitigation strategies.

**Adaptive Capacity Mitigation Strategies:** Using best practices set forth by the FHWA and stakeholder input, the team created 25 Adaptive Capacity Mitigation Strategies as listed below:

- Stormwater Management
  1. Increase Number of Swales and Ditches
  2. Retention and Detention Ponds
  3. Depressed and Raised Medians
  4. Bioswales (Biofiltration Swales)
  5. Green Infrastructure
  
- Maintenance
  1. Culvert Cleaning / Maintenance
  
- Planning/Social
  1. Stormwater Management Plan
  2. Land Use Planning/Climate Justice
  3. Relocate or Abandon Roads
  4. Shelter-in-Place
  5. Evacuation Route Identification and Planning
  6. Prohibiting Overweight/Oversize Vehicles
  7. Sensor Technologies and Monitoring Programs
  
- Infrastructure
  1. Enhanced Road Surface
  2. Enhanced Sub-Grade
  3. Hardened Shoulders
  4. Raised Road Profile
  5. Geosynthetics/Geo Textiles
  6. Permeable Pavement
  
- Other
  1. Maintain and Restore Wetlands
  2. Beach Nourishment and Dune Restoration
  3. Vegetation (as Erosion Control)
  4. Seawalls and Revetments
  5. Wave Attenuation Devices
  6. Debris Deflectors for Bridge Protection

Additional project information and supporting materials can be found at:  
[www.hgacmpo.com/resiliency](http://www.hgacmpo.com/resiliency)

### **Action Requested**

For information only.

## **ADMINISTRATIVE AMENDMENTS TO THE TIP AND RTP**

### **Summary**

Consistent with Transportation Policy Council guidance, administrative modifications to the following projects are being made this month:

- Modify three City of Conroe FY 2020 Federal Transit Administration Section 5307 (Urban Area) and Section 5310 (Enhanced Mobility of Seniors & Individuals with Disabilities) grants based on the published actual apportionments. The projects were initially programmed based on estimates from the FY 2018 FTA apportionments.

A summary table of actions is attached including links for more detailed information.

### **Action Requested**

For information only.





Transportation

# CITY OF CONROE

Est. 1904

May 20, 2020

Mr. Alan Clark  
Houston-Galveston Area Council  
P.O. Box 22777  
Houston, TX 77227-2777

RE: City of Conroe FY 2020 Section 5307 and 5339 TIP Amendment Request

Dear Mr. Clark:

The City of Conroe (City) respectfully request H-GAC's consideration in granting an amendment to MPOID's 11436, 11432 and 11440. The initial programming amounts were estimates based on FY2018 FTA apportionments. The apportionments increased for fiscal year 2020 and the City would like to amend the amounts. Additionally, the City changed its service contracting structure. As of April 1<sup>st</sup>, 2020, the City has two separate contracts for operating and preventative maintenance/maintenance, instead of one. Which means they now longer will be using capital cost of contracting.

### FY2020 FTA 5307 Apportionment

<u>Project Type</u>	<u>Fiscal Year</u>	<u>MPOID</u>	<u>Federal</u>	<u>Local Match</u>	<u>Total</u>
Operating	2020	11436	\$254,084	\$254,084	\$508,168
Capital	2020	11432	\$170,629	\$42,657	\$305,414

### FY2020 FTA 5339 Apportionment

<u>Project Type</u>	<u>Fiscal Year</u>	<u>MPOID</u>	<u>Federal</u>	<u>Local Match</u>	<u>Total</u>
Capital	2020	11440	\$64,291	\$16,073	\$80,364

If you have any questions concerning this request, please contact Ms. Shawn Johnson at (936) 522-3534 or [sjohnson@cityofconroe.org](mailto:sjohnson@cityofconroe.org).

Respectfully,

Shawn Johnson  
City of Conroe Transportation Manager



**H-GAC 2021-2024 TIP and 2045 RTP  
June 2020 Administrative Amendments**

MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
				STIP?	Funding (M)		Scope	Schedule
					Fed/State	Local		
11432	CITY OF CONROE (MON)	CITY OF CONROE (VA, VA) CAPITAL EXPENDITURES FOR PUBLIC TRANSPOR...	T	No	(\$0.1)	(\$0.0)		
11436	CITY OF CONROE (MON)	CITY OF CONROE (VA, VA) OPERATING EXPENDITURES FOR PUBLIC TRANSP...	T	No	+ \$0.1	+ \$0.1		
11440	CITY OF CONROE (MON)	CITY OF CONROE (VA, VA) CAPITAL EXPENDITURES FOR PUBLIC TRANSPOR...	T	No	+ \$0.0	+ \$0.0		
	()	(,)						
	()	(,)						
	()	(,)						
	()	(,)						

JUNE 2020  
**ADMINISTRATIVE AMENDMENTS**

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**

June 2020 MODIFICATIONS AND PREVIEWS

**PROPOSED VERSION**

**MPOID/CSJ: 11432/NA**

**FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	MONTGOMERY		VA	T	CONROE	CITY OF CONROE	\$213,286
STREET:		CITY OF CONROE		REV DATE:			
LIMITS FROM:		VA		MPO PROJECT ID:		11432	
LIMITS TO:		VA		FUNDING CATEGORY:		5307	
TIP		CAPITAL EXPENDITURES FOR PUBLIC TRANSPORTATION AND/OR TRANSPORTATION		MTP REFERENCE:			
DESCRIPTION:		IMPROVEMENTS: FY 2020					

REMARKS: **Project History:** Amendment #AUG-2019 - 8/23/19 - Program the FTA Section 5307 and 5339 Program of Projects with FY's 2020-2022 apportionments.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category	
			Federal	State	Regional	Local	Local Contribution		
Preliminary Engineering:	---	\$213,286	Sec. 5307:	\$170,629	---	---	\$42,657	---	\$213,286
Right Of Way:	---		Funding by Share:	\$170,629	---	---	\$42,657	---	\$213,286
Construction:	\$213,286								
Construction Engineering:	---								
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$213,286</b>								

**OLD VERSION**

**MPOID/CSJ: 11432/NA**

**FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	MONTGOMERY		VA	T	CONROE	CITY OF CONROE	\$312,500
STREET:		CITY OF CONROE		REV DATE:			
LIMITS FROM:		VA		MPO PROJECT ID:		11432	
LIMITS TO:		VA		FUNDING CATEGORY:		5307	
TIP		CAPITAL EXPENDITURES FOR PUBLIC TRANSPORTATION AND/OR TRANSPORTATION		MTP REFERENCE:			
DESCRIPTION:		IMPROVEMENTS: FY 2020					

REMARKS: **Project History:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category	
			Federal	State	Regional	Local	Local Contribution		
Preliminary Engineering:	---	\$312,500	Sec. 5307:	\$250,000	---	---	\$62,500	---	\$312,500
Right Of Way:	---		Funding by Share:	\$250,000	---	---	\$62,500	---	\$312,500
Construction:	\$312,500								
Construction Engineering:	---								
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$312,500</b>								

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**

June 2020 MODIFICATIONS AND PREVIEWS

**PROPOSED VERSION**

**MPOID/CSJ: 11436/NA**

**FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	MONTGOMERY		VA	T	CONROE	CITY OF CONROE	\$508,168
STREET: CITY OF CONROE							REV DATE:
LIMITS FROM: VA							MPO PROJECT ID: 11436
LIMITS TO: VA							FUNDING CATEGORY: 5307
TIP OPERATING EXPENDITURES FOR PUBLIC TRANSPORTATION: 2020							MTP REFERENCE:
DESCRIPTION:							
REMARKS:							

**Project History:** Amendment #AUG-2019 - 8/23/19 - Program the City of Conroe FTA Section 5307 and 5339 Program of Projects in the TIP with FYs 2020-2022 apportionments.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
Preliminary Engineering:	---		Federal	State	Regional	Local			
Right Of Way:	---	Sec. 5307:	\$254,084	---	---	\$254,084	---	\$508,168	
Construction:	\$508,168	<b>Funding by Share:</b>	\$254,084	---	---	\$254,084	---	\$508,168	
Construction Engineering:	---								
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$508,168</b>								

**OLD VERSION**

**MPOID/CSJ: 11436/NA**

**FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	MONTGOMERY		VA	T	CONROE	CITY OF CONROE	\$307,822
STREET: CITY OF CONROE							REV DATE:
LIMITS FROM: VA							MPO PROJECT ID: 11436
LIMITS TO: VA							FUNDING CATEGORY: 5307
TIP OPERATING EXPENDITURES FOR PUBLIC TRANSPORTATION: 2020							MTP REFERENCE:
DESCRIPTION:							
REMARKS:							

**Project History:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
Preliminary Engineering:	---		Federal	State	Regional	Local			
Right Of Way:	---	Sec. 5307:	\$153,911	---	---	\$153,911	---	\$307,822	
Construction:	\$307,822	<b>Funding by Share:</b>	\$153,911	---	---	\$153,911	---	\$307,822	
Construction Engineering:	---								
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$307,822</b>								

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**

June 2020 MODIFICATIONS AND PREVIEWS

**PROPOSED VERSION**

**MPOID/CSJ: 11440/NA** **FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	MONTGOMERY		VA	T	CONROE	CITY OF CONROE	<b>\$80,364</b>
STREET:	CITY OF CONROE					REV DATE:	
LIMITS FROM:	VA					MPO PROJECT ID:	11440
LIMITS TO:	VA					FUNDING CATEGORY:	5339
TIP	CAPITAL EXPENDITURES FOR PUBLIC TRANSPORTATION: FY 2020					MTP REFERENCE:	
DESCRIPTION:							
REMARKS:							

**Project History:** Amendment #AUG-2019 - 8/23/19 - Program the FTA Sections 5307 and 5339 Program of Projects with FYs 2020-2022 apportionments.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category	
Preliminary Engineering:	---		Federal	State	Regional	Local	Local Contribution		
Right Of Way:	---	<b>\$80,364</b>	Sec. 5339:	\$64,291	---	---	\$16,073	---	\$80,364
Construction:	\$80,364		<b>Funding by Share:</b>						
Construction Engineering:	---		\$64,291	---	---	\$16,073	---	\$80,364	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$80,364</b>								

**OLD VERSION**

**MPOID/CSJ: 11440/NA** **FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	MONTGOMERY		VA	T	CONROE	CITY OF CONROE	<b>\$76,063</b>
STREET:	CITY OF CONROE					REV DATE:	
LIMITS FROM:	VA					MPO PROJECT ID:	11440
LIMITS TO:	VA					FUNDING CATEGORY:	5339
TIP	CAPITAL EXPENDITURES FOR PUBLIC TRANSPORTATION: FY 2020					MTP REFERENCE:	
DESCRIPTION:							
REMARKS:							

**Project History:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category	
Preliminary Engineering:	---		Federal	State	Regional	Local	Local Contribution		
Right Of Way:	---	<b>\$76,063</b>	Sec. 5339:	\$64,291	---	---	\$16,073	---	\$76,063
Construction:	\$76,063		<b>Funding by Share:</b>						
Construction Engineering:	---		\$64,291	---	---	\$16,073	---	\$76,063	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$76,063</b>								

## REPORT ON TRANSPORTATION PLANNING ACTIVITIES

### A. LONG RANGE PLANNING

#### 1. Sub-regional Planning Initiatives (SPI)

- The Brazoria County Thoroughfare Plan has been finalized. The Plan will be presented to Commissioner's Court at a to be determined date.
- Staff continue to finalize the scope of work and budgets for Southeast Harris County Sub-Regional Plan and Liberty County Mobility Plan.
- Staff began initial work on the Montgomery County Precinct 2 Mobility Plan and are finalizing consultant scope and budget.

#### 2. Safety/Operations Planning

- Staff attended the launch of the City of Houston Vision Zero Campaign.
- Staff attended the Texas A&M Transportation Institute 2020 Traffic Safety Conference
- Staff host Transportation Safety Committee meeting on June 23, 2020
- Staff conducted radio interview regarding hurricane preparedness and evacuation on July 9, 2020
- Staff is collaborating with TxDOT to advertise off-system safety improvement funding available thru TxDOT for roadways and intersections
- Staff is working to update the Congestion Management Process plan

#### 3. Freight Planning

- Staff are finalizing the scope of work for an update of the 2013 Regional Goods Movement Plan.
- Staff are coordinating a meeting of the Greater Houston Freight Committee to be held in early September.

#### 4. Regional Incident Management

- Staff had a coordination meeting with the Houston Police Department and Harris County Sheriff Office on operations with the Tow and Go Program on June 1, 2020.
- Staff held a virtual Traffic Incident Management Meeting on June 11, 2020.
- There were 2,594 "No Cost" Tows in the month of June; a 14% decrease when compared to June of 2019.
- Tow and Go™ Average Clearance Time in June from Notify to Cleared was 14 minutes and 22 seconds
- Harris County open bids for towing Contracts for Tow and Go Towing.
- SHRP2 Traffic Incident Management Training continues to be suspended because of COVID-19.

#### 5. Environmental Planning

Staff has completed the "Quick User Guide" to the Eco-Logical tool which is designed to teach a new user how the tool works in several short steps. The guide is going through the final edits



before publication. Staff have also begun talks with a contact in the Houston Independent School District (HISD) to discuss the prospect of students using the Eco-Logical tool within the environmental science or social studies curriculum. The initial talks have revealed an apparent interest in introducing the tool to the classroom.

6. Resiliency Planning

- Staff began development of a Low Impact Development study to examine how to cost-effectively integrate low impact development into transportation projects in the Houston area.
- Staff continue work on the Resilience & Durability Pilot project as part of the FHWA program to develop transportation-sector specific resiliency best practices and strategies across the country. The project is expected to be finalized July 2020.

7. Regional Transportation Plan (RTP)

A meeting of the Regional Transportation Plan Subcommittee was held on June 10. Staff presented a draft outline and schedule of the next RTP update, an update on the Congestion Management Plan, and an introduction to Performance Measures. The next meeting of the RTP Subcommittee is being planned for early September.

8. Other Planning Activities

Staff continue to monitor regional travel impacts of COVID-19. Regional travel volumes are monitored through StreetLight data and transit ridership numbers are reported monthly from transit agencies within the region.

**B. SHORT RANGE PLANNING**

1. Project Programming

- Staff has worked over the last month to finalize all revisions to the draft 2021-2024 TIP document. Additional information about the TIP will be presented at the June meeting for TPC action.
- Last month H-GAC staff processed 6 Administrative Amendments to the TIP and RTP.
- Discussions on the Transportation Development Credit (TDC) policy and possible new uses of the available credits continued at the TIP Subcommittee. Efforts to update the current policy will continue over the next few months as staff continues to refine the policy at the subcommittee level before bringing recommendations to the TAC and TPC.

2. Pedestrian and Bicyclist Planning

- Staff updated data on H-GAC Website for Mobile Counters program for 2020.
- Staff held coordination meeting with Sugarland regarding multimodal connectivity project
- Selected consultant for bike safety training classes
- Staff conducted a site visit to troubleshoot and send for repairs the bike counter at MKT Trail and 5th Street in Houston.

3. Transit Planning

- A grant application was submitted to TxDOT for the Regionally Coordinated Transportation Plan (RCTP) for 2022-2026. Response from TxDOT should be forthcoming in July 2020 on the application and funding level. Planning activities on the RCTP are expected to begin September 1, 2020.
  - A draft TAM plan has been completed. Updated analysis and targets will be reported to TAC and TPC in July along with public comment. Approval is tentatively scheduled for September 2020.
  - Staff continues to conduct a monthly survey regarding the effects of the COVID-19 pandemic on regional transit providers. This survey will continue during the course of the pandemic.
  - Staff has received a revised final report from Texas Southern University detailing the performance and acceptance of an autonomous vehicle that operated on campus between June 2019 and February 2020.
  - Coordination continues between H-GAC and METRO regarding the Regional Transit Seamless Fare System.
  - Implementation of The Woodlands Township - Energy Corridor Commuter service is delayed until at least January 2021 due to COVID 19. A meeting with the principals will be held in August 2020 to determine next steps.
  - A brief Transit Feasibility Assessment will be conducted for the City of Huntsville to determine viability of enhanced public transportation in the community. The assessment is scheduled to be completed by August 31, 2020.
  - Staff facilitated a remote meeting of the Regional Transit Coordination Subcommittee (RTCS) on July 9, 2020. Subcommittee members elected a new Chair and Vice-chair and were briefed on several of the above-listed items.
  - Christopher Whaley was hired as a Planner Specialist to assist with transit and bike and pedestrian planning.
4. North Houston Communities Transportation Priorities Study
- Staff continues the Advance Funding Agreement process with TxDOT through June.
  - Staff is continuing internal coordination in preparation for the kick off of this project.
  - Staff scheduled a scope review meeting the an informal workgroup made up of community organization representatives along segment 2.

## **C. TRANSPORTATION PUBLIC OUTREACH**

### 1. General Transportation Outreach

- Public outreach staff hosted a virtual Brown Bag webinar on June 15 in conjunction with Houston TranStar. The total number of attendees was 100.
- Public outreach assisted in the coordination and promotion of the Commute with Confidence webinar for employers returning to their worksites. Other cities are now beginning to use the Commute with Confidence resource as a model for their own.

- In addition, staff have been working to update information and materials related to the Mobility Report, and also prepare for the launch of the Zip Zone Map campaign, Tow and Go's expansion, and the upcoming transportation studies throughout the region.

2. Commute Solutions

- Staff participated in NARC (National Association of Regional Councils) virtual conference from June 8 - June 9.
- Staff participated in a variety of internal meetings and staff development trainings.
- Staff participated in weekly Vanpool Task Force Meetings with METRO STAR
- Staff participated in the procurement process to secure a Telework Consultant
- Staff created, prepared, and executed a internal Commuter Survey to gauge telework impacts and commute to work plans.

**D. CLEAN VEHICLES/HEAVY DUTY DIESEL REPLACEMENT PROGRAMS PLANNING ACTIVITIES**

1. Clean Vehicles Program

- Staff continues is working with several ISD's to replace older school buses, most recently Pearland ISD seeking Board approval for six (6) new buses
- Staff is working with several grant recipients to finalize contracts and complete invoicing.
- Staff continues to respond to incoming phone calls and email requests for program information.
- Staff continues to monitor grant recipient's usage of vehicles to assure grant requirements for vehicle use and mileage are met.
- Staff participated in a variety of internal and external meetings.

2. Heavy Duty Diesel Replacement Program

- Staff continues to work with grant recipients to finalize contracts; and complete invoicing
- Staff continues to respond to incoming phone calls and email requests for program information
- Staff continues to monitor grant recipient's usage of vehicles to assure grant requirements for vehicle use and mileage are met.
- Staff participated in a variety of internal and external meetings.

3. AERCO - SEP

- Staff continues to track and monitor incoming funds received as a result of agreed orders from TCEQ.

**E. GENERAL AIR QUALITY PLANNING ACTIVITIES**

- Staff is continuing to develop of the annual Air Quality Initiatives report to cover regional air quality improvement programs administered in 2019 with the assistance of H-GAC.

- Staff has is continuing to develop required updates to the Congestion Mitigation and Air Quality Improvement (CMAQ) Program Total Emission Reduction Performance Measure. Tentative results were presented to the Transportation and Air Quality (TAQ) Subcommittee for discussion on April 16. Revisions are currently underway and it is anticipated that drafts will be available for public comment in July, then presented to the TAQ Subcommittee for approval in August.
- H-GAC staff is continuing to assist with regional efforts to support the Department of Energy (DOE) sponsored Houston-Galveston Clean Cities Coalition. Under the auspices of this program, staff works with regional fleets to foster economic, environmental, and energy security by working to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. Staff has developed a program of activities for 2020 and anticipates involvement with several new and novel types of events including: podcasts, webinars, and, potentially, alternative fuel site visits in the latter half of the year. The first webinar is scheduled for May 21st and will focus on funding availability to help interested fleets continue to make the transition to alternative fuels even in these difficult times.
- Staff has completed closeout activities for the now-completed DOE-sponsored Zero Emission Delivery Vehicle Demonstration Project. This project resulted in the deployment of 18 all-electric delivery vehicles at UPS locations within our region. Despite the conclusion of project activities, most of these vehicles will continue to operate on our region's roads.
- Staff is continuing to work to administer EPA-funded DERA grants to deploy all-electric yard tractors at local freight warehouses. Staff is currently working with IKEA and H-E-B to finalize the contracting process in order to move forward with vehicle purchases.

#### **F. TRAVEL DEMAND FORECASTING**

- Staff continues to provide travel demand modeling and GIS technical supports and assistances to support H-GAC's internal planning work and H-GAC's member agencies such as TXDOT for their various corridor and sub-areas transportation planning and studies and additional select link analysis for the Inner Katy assessment project. Modify and refine PM2 maps for the NHS system roadways, Summarize ACS 2017 and 2018 MOT (mode of Transportation) for the 8-counties region. On-going
- Staff continues to provide modeling support through the use of the REMI model for the analysis of the COVID-19 Impact, and continues to use the REMI model to model and evaluate the impact of the 10 year and 500 year flood plans of the Resilience Project for Harris County Flood Control District – On-going
- Staff continues to develop highway networks as input forth the AIMSUN Meso and Micro modeling for Montgomery County Precinct – 2 subarea study. On-going
- Staff continues to assist with the Activity Based Model development – on going
- Staff continues to work with the Steering Committee of the Origin-Destination On-board Transit Survey to evaluate and resolve some issues and concerns caused by the COVID-19 pandemic in the scope of services and methodology originally drafted for the forthcoming 2020/2021 on-board transit survey. On-going

- Staff continues to work with City of Houston Aviation department to develop a MOU, scope of services, sample size, and timeline for regional commercial airport (IAH & Hobby) ground access count travel survey. On-going
- Staff continues working on the acquisition of the location-based software which lets user see how people are travelling within the eight-county region and understand how this may be changing throughout the day. On-going
- Staff continues to review INRIX speed data to look at speeds and travel times to determine the impact and assist the COF with her Tow and GO program. On-going
- Staff continues to assist with the North Houston Highway Improvement Project- Helping with task 2 data collection. Mapping existing recommended projects(RTP,TIP, Livable Centers, etc.), transit routes and stops, bike lanes, sidewalks, B-cycle locations., GTFS Feed- Creating GTFS feed for local transit agencies, Montgomery County PCT 2 mobility plan- Creating study area map, and FHWA MMNCP- Creating online interactive map for Ped/Bike study in Sugar Land. On-going
- Staff continues to assist with the development of Python Scripts for Center-Lane miles, and Speeds Analysis before and during COVID pandemic, HPD Minor crash Pilot project and the sub-regional studies of the dashboard program. On-going
- Staff continues with various updates of the: MOVES, SEE calculation, Fuel economy calculation, conformity timeline, re-formatting of the VMT mix, air quality master schedule and the off-network activity calculations. On-going

## H-GAC Board of Directors Report July 21, 2020

The H-GAC Board of Directors will meet on July 21, 2020 and the following transportation related actions are on the agenda:

1. CLEAN VEHICLES AND HEAVY DUTY DIESEL REPLACEMENT ASSISTANCE AGREEMENTS  
Request authorization of agreements with four Independent School Districts for the acquisition of thirty-two school buses; amount not to exceed \$3,266,758.
2. PUBLIC OUTREACH CAMPAIGN FOR THE TOW AND GO PROGRAM  
Request authorization to buy media ads for billboards, radio airtime and social media to conduct a Tow and GoTM Public Outreach Campaign. Total amount for media buys not to exceed \$375,000.
3. CONSULTANT SERVICES FOR TELEWORK PROGRAM ANALYSIS, IMPROVEMENT AND IMPLEMENTATION  
Request authorization to negotiate contract with consulting firms in the order presented for an amount to not exceed \$300,000 to provide consultant services for the telework program analysis, improvement and implementation for H-GAC and other employers in the region.