



## Transportation Advisory Committee

To the Transportation Policy Council

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### MEMORANDUM

**TO: TRANSPORTATION ADVISORY COMMITTEE (TAC) MEMBERS  
OTHER INTERESTED PERSONS**

**FROM: Allie Isbell  
MPO Assistant Director**

**SUBJECT: June 15, 2022 TAC Meeting**

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We will conduct our June Transportation Advisory Committee (TAC) meeting with the options to participate **in-person or by videoconference** on **Wednesday, June 15, 2022, at 9:30 a.m.** The TAC meeting will be open to the public but restrictions regarding allowable room capacity and seating arrangements may be in place. The public meeting location will be 3555 Timmons Lane, Houston, TX – Conference Room 2B. The TAC Chair, Mr. Loyd Smith, and some members will be physically present. Other members will be participating by videoconference.

The virtual meeting will be conducted with the software known as **Zoom**. Individual Zoom meeting links will be sent to TAC Primary and Alternate Members. All other interested parties and public can click on the meeting link on the agenda 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 be seen during the meeting.

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). Comments received by 5:00 p.m., Tuesday, June 14, 2022 will be incorporated into the meeting record. Written comments may be viewed at: [Public Comments](#).

Additional opportunity is available to make public comment (3 minutes each) at the meeting through toll-free number or Zoom link on agenda (if your computer has microphone to speak). If you would like to make a public comment during item 3 of the attached agenda, please Raise Hand in Zoom software or press \*9 on the teleconference line to Raise Hand, and staff will unmute you to speak. The online meeting will also be connected to our Livestream service which may be viewed at: [www.h-gac.com/live/](http://www.h-gac.com/live/) . The agenda items will be posted on the H-GAC website at: [www.h-gac.com/transportation-advisory-committee/](http://www.h-gac.com/transportation-advisory-committee/)

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 and staff will read into the record any public comments received via our public comment mailbox.

At the TAC meeting, the Chair will invite questions and comments from TAC 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 TAC 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 ensure everyone has an opportunity to speak and be heard. I look forward to hearing from you at our meeting on the 15<sup>th</sup>. Please address any comments and/or questions regarding the TAC to Ms. Allie Isbell, MPO Assistant Director, on (713) 993-2411 or by email to [Allie.Isbell@h-gac.com](mailto:Allie.Isbell@h-gac.com).

**MEETING OF THE TRANSPORTATION ADVISORY COMMITTEE  
HOUSTON-GALVESTON AREA COUNCIL  
WEDNESDAY, June 15, 2022  
9:30 a.m.**

**TAC Members (Hybrid)**

Please see Participant Zoom Link in email

**Other Interested Parties and Public - Join Zoom Meeting**

<https://us06web.zoom.us/j/81685988847?pwd=U2pvR1dUS1lSWGVJanJ3a3BrTEJYUT09>

Webinar ID: 816 8598 8847

Passcode: 047925

**Tele-Conference Call-In Information:**

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

Webinar ID: 816 8598 8847

Participant ID: Press#

Passcode: 047925

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

**AGENDA**

1. Certification of Quorum - Quorum requirement is 22 voting members
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., Tuesday, June 14, 2022 will be incorporated into the meeting record. Written comments may be viewed at [Public Comments](#).*

**ACTION**

4. Approval of May 18, 2022 Meeting Minutes Summary  
*Request approval of the minutes for May 18, 2022 Transportation Advisory Committee Meeting (Staff Contact: Allie Isbell)*
5. Amendments to the 2023-2026 Transportation Improvement Program (TIP) and the 2045 Regional Transportation Plan (RTP)  
*Request TAC recommendation for TPC approval of Resolutions 2022-21 and 2022-22 (Staff Contact: Jim Dickinson)*
6. Approval on Air Quality Conformity Analysis  
*Request of TAC Recommendation of Air Quality Conformity Analysis for TPC approval (Staff Contact: Graciela Lubertino)*

**DISCUSSION**

7. Disadvantaged Business Enterprise (DBE) Triennial Goal Update 2023-2025

*Update on the DBE Triennial Goal 2023-2025 (Staff Contact: Neely Kim)*

8. Future of Work Survey Results  
*Information on Future of Work Survey Results (Staff Contact: Francis Rodriguez)*
9. Update to the 2023 Unified Transportation Plan (UTP)  
*Update to the 2023 UTP (Staff Contact: Adam Beckom)*
10. Projects Selection Process Update  
*Projects Selection Process Update (Staff Contact: Craig Raborn)*
11. Planning Activities
  - A. Future Amendments to the 2023-2026 TIP and 2045 RTP  
*Information on Future Amendments to the 2023-2026 TIP and 2045 RTP (Staff Contact: Jim Dickinson)*
  - B. North Houston Highway Improvement Project Update  
*Update on NHHIP (Staff Contact: Craig Raborn)*
12. Announcements  
*Meetings below may be conducted in person, by web conference or teleconference, or in a hybrid format. Each meeting's anticipated format is listed below. (Staff Contact: Allie Isbell)*
  - a. DBE Triennial Goal Meeting- June 13, 2022, 9:30 a.m. and 5:30 p.m. (Virtual, repeat meetings)
  - b. Regional Transportation Plan Subcommittee Meeting – June 15, 2022, 2:00 p.m. (Virtual)
  - c. Greater Houston Freight Committee Meeting – June 23, 2022, 1:00 p.m. (Virtual)
  - d. Next TPC Meeting – June 24, 2022, 9:30 a.m. (Hybrid)
  - e. Transportation Safety Committee Meeting – June 28, 2022, 1:30 p.m. (In-person, H-GAC)
  - f. TIP Subcommittee Meeting- June 29, 2022, 1:30p.m. (Virtual)
  - g. Regional Air Quality Planning Advisory Committee (RAQPAC) Meeting – June 30, 2022, 10:00 a.m. (Virtual)
  - h. Next TAC Meeting – July 13, 2022, 9:30 a.m. (Hybrid)
  - i. Regional Transit Subcommittee Meeting – July 14, 2022, 9:30 a.m. (Virtual)
  - j. Pedestrian and Bicyclist Quarterly Subcommittee Meeting – July 21, 2022, 9:30 a.m. (Virtual)

**RTP Survey is available through June 30, 2022.** Please share this with your networks and member organizations. Please click to access the survey: [h-gac.com/RTP](https://h-gac.com/RTP)

13. Adjournment

<p>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. Requests from persons needing special accommodations should call 713-993-2437 for assistance.</p>
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**4. MINUTES OF THE TRANSPORTATION ADVISORY COMMITTEE**  
**WEDNESDAY, MAY 18, 2022, 9:30 A.M., ZOOM ONLINE MEETING**

INTRODUCTIONS

Chairman Loyd Smith, called the Transportation Advisory Committee (TAC) meeting to order at 9:30 a.m.

Committee members and staff introduced themselves. A list of Committee representatives and alternates attending the meeting is included with these minutes as Attachment 1. There were 33 members in attendance; 22 are required for a quorum.

The meeting agenda and materials are available on the TAC website at:

<http://www.h-gac.com/transportation-advisory-committee/meeting-agendas-and-minutes.aspx>.

In addition, the livestream recording is available at: <http://www.h-gac.com/transportation-advisory-committee/meeting-livestream-archive.aspx>.

PUBLIC COMMENTS

No written public comments were received.

APPROVAL OF MINUTES

Chairman Smith entertained a motion for approval of the minutes for the April 13, 2022, meeting. A motion was made by Mr. Alan Clark. The second motion for approval was made by Ms. Veronica Davis. The Committee voted and the motion carried. The minutes were approved.

A link to the audio recording is available at: <https://hgac.swagit.com/play/05192022-601/4/>

COMMENDATION IN HONOR OF LATE MR. ANDY MAO

Chairman Smith gave a commendation for late Mr. Andy Mao. A moment of silence was taken for Mr. Mao. The Chairman then gave the floor to the Committee to give further commendation for Mr. Mao. To view the commendation, please click on the link below:

A motion was made by Mr. Alan Clark to the Commendation in Honor of Late Mr. Andy Mao. The second motion for approval was made by Ms. Catherine McCreight. The Committee voted and the motion carried.

<https://hgac.swagit.com/play/05192022-601/5/>

RECOMMENDATIONS TO FILL VACANCIES ON THE TAC SUBCOMMITTEES

Mr. Patrick Mandapaka presented on Recommendations to Fill Vacancies on the TAC Subcommittees. The Transportation Advisory Committee (TAC) has six subcommittees: Transportation Systems Management and Operations, Pedestrian-Bicyclist Subcommittee, Regional Transportation Plan Subcommittee, Regional Transit Coordination Subcommittee, Transportation Air Quality Subcommittee and Transportation Improvement Program Subcommittee. The membership of the TAC Subcommittees is renewed annually. The TAC approved the membership of the 2022 TAC Subcommittees at the meeting in April. Various TAC Subcommittees had vacancies after the approval of the membership. Staff requested nominations from the TAC members in April to nominate members to fill vacancies on the TAC Subcommittees. Staff received nominations and conducted a meeting with the TAC Nominating Committee on May 9<sup>th</sup> to prepare recommendations. To view additional recommendations, please click on the link below.

A motion was made by Mr. Michael Shannon for approval of recommendations. The second motion for approval was made by Mr. Mike Wilson. The Committee voted and the motion carried.

<https://hgac.swagit.com/play/05192022-601/6/>

AMENDMENTS TO THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AND THE 2045 REGIONAL TRANSPORTATION PLAN (RTP)

Mr. Jim Dickinson presented on the amendments to the 2021-2024 Transportation Improvement Program (TIP) and the 2045 Regional Transportation Plan (RTP). Staff sought TAC Recommendation for TPC of Resolution No. 2022-18 and 2022-19, which included the following amendment:

- Rescope the City of League City Bicycle Loop bike lane construction project (MPO 17118/CSJ 0912-73-215/SCSJ 5000-00-916) to reflect an off-road, side path location along the south side of SH 96, to provide safer, high comfort, off street bicycle and pedestrian facility which will require an additional \$489,800 of Transportation Alternative Set-Aside (TASA). Project will also be advanced from FY 2024 to FY 2023. (+\$0.5M, Total Cost: \$3.5M)
- Change the sponsor of the IH 45/SH 242 direct connector construction project (MPO ID 18028/CSJ 0110-04-205) from TxDOT Houston District to Montgomery County and program in FY 2023 of the 2021-2024 TIP with \$14.9M of local funding project per the agreement between TxDOT and the County. (Total Cost: \$14.9M)

A motion was made by Mr. Mike Wilson and a second motion for approval was made by Mr. Michael Shannon. The Committee voted and the motion carried.

A slide presentation and audio recording of all presentations are available on the TAC website at:  
<https://hgac.swagit.com/play/05192022-601/7/>

APPROVAL OF THE 2023-2026 TIP

Mr. Vishu Lingala presented on the Approval of the 2023-2026 Transportation Improvement Program (TIP). The Draft 2023-2026 TIP contains projects which have been funded in the TIP timeframe by the TPC or through local sponsor action. This included estimated amounts for future year federal transit funding as approved by designated recipients in consultation with other local transit providers. Staff has also worked with sponsors to update locally-funded project information to ensure that projects that need to be listed in the TIP are updated and reflect latest available information.

Based on feedback received from stakeholders and the public, staff has drafted a more concise and accessible document. The Draft 2023-2026 TIP will be available for review on H-GAC's TIP website:

[2023-2026 Transportation Improvement Program | Houston-Galveston Area Council \(H-GAC\)](#). For more information on this item, please click below.

A motion was made by Ms. Catherine McCreight and a second motion for approval was made by Mr. Alan Clark. The Committee voted and the motion carried.

A slide presentation and audio recording of all presentations are available on the TAC website at:  
<https://hgac.swagit.com/play/05192022-601/8/>

APPROVAL OF THE TRANSIT ASSET MANAGEMENT (TAM) PERFORMANCE MEASURES AND TARGETS

Ms. Jamila Owens presented on the Approval of the Transit Asset Management (TAM) Performance Measures and Targets. The Federal Transit Administration requires each transit agency to develop a transit asset management plan at least once every five years. These plans ensure a state of good repair for the transit system and provide safe and reliable rolling stock, equipment, facilities, and infrastructure.

Metropolitan Planning Organizations are required by the Federal Highway Administration to set biennial transit asset management targets for the region. The Houston-Galveston Area Council, as Metropolitan Planning Organization for the Houston-Galveston Transportation Management Area, sets transit asset management targets based on the asset management plans submitted by our region's transit agencies. Ms. Owens provided a table to show the details of performance targets by Asset Category by year. Staff recommended Transportation Policy Council approval of the regional transit asset management performance targets for 2024 and 2026.

A motion was made by Ms. Ruthanne Haut and a second motion for approval was made by Mr. Mike Wilson. The Committee voted and the motion carried.

A slide presentation and audio recording of all presentations are available on the TAC website at: <https://hgac.swagit.com/play/05192022-601/9/>

DEVELOPMENT OF THE 2045 REGIONAL TRANSPORTATION PLAN (RTP) UPDATE

Mr. Mike Burns gave an update on Development of the 2045 Regional Transportation Plan (RTP). The 2045 Regional Transportation Plan (RTP) is a strategy that targets federal, state, and local funding resources to use towards transportation investments for the region and must be updated every four (4) years per federal statute. The current RTP was last updated on May 14, 2019 with the next update scheduled to be approved on April 28, 2023. This programming document contains the latest framework of existing and forecasted conditions along with regional goals and objectives that guide the prioritization of federally funded projects and programs included in a fiscally constrained action plan for at least the next 20 years. The development of the document must be done in coordination with federally prescribed stakeholders and the general public. Information was provided in the May 18, 2022 TAC Packet for all in-person public meetings to be conducted throughout the eight MPO counties.

For Information Only. No action needed.

A slide presentation and audio recording of all presentations are available on the TAC website at: <https://hgac.swagit.com/play/05192022-601/10/>

HURRICANE PREPAREDNESS AWARENESS CAMPAIGN

Mr. David Fink gave an update on the Hurricane Preparedness Awareness Campaign. In collaboration with our state and local jurisdictions, the Houston-Galveston Area Council is continuing its annual Hurricane Preparedness Awareness Campaign. The goal of the outreach campaign is to increase awareness about hurricane evacuation planning, especially for those residents living in area that are subject to storm surge.



**Agenda Item 4**  
**TAC Meeting Packet – 6/15/22**

The proposed timeline for the campaign is from June through November 2022. This effort is included in the H-GAC's Unified Planning Work Program. For further details on this outreach campaign, please refer to the May 18, 2022 TAC Packet or click on the link below.

For Information Only. No action needed.

A slide presentation and audio recording of all presentations are available on the TAC website at:  
<https://hgac.swagit.com/play/05192022-601/11/>

PLANNING ACTIVITIES

Future Amendments to the 2021-2024 TIP and 2045 RTP

Mr. Dickinson provided a brief overview of Future Amendments to the 2021-2024 TIP and 2045 RTP. For a summary of the administrative modifications, please view May 18, 2022 TAC Packet or click on the link below.

For Information Only. No action needed.

A slide presentation and audio recording of all presentations are available on the TAC website at:  
<https://hgac.swagit.com/play/05192022-601/12/>

ANNOUNCEMENTS

Mr. Patrick Mandapaka noted the following meetings and events:

- a. Regional Transportation Plan Visioning Public Meetings
  - a. Liberty County – May 12, 2022, 6:00 p.m. Liberty City Hall (In-person)
  - b. Galveston County – May 17, 2022, 6:00 p.m., Historic Electric Water Pump Station (In-person)
  - c. Waller County – May 19, 2022, 6:00 p.m., City of Hempstead Recreation Room (In-person)
  - d. Montgomery County – May 24, 2022, 6:00 p.m., Shenandoah City Hall (In-person)
  - e. Harris County – May 26, 2022, 6:00 p.m., H-GAC (In-person)
  - f. Chambers County– May 31, 2022, 6:00 p.m., Eagle Pointe Recreation Center (In-person)
  - g. Virtual Meeting – June 2, 2022, 6:00 p.m. (Virtual)
- b. TPC Meeting – May 20, 2022, 9:30 a.m. (Hybrid)
- c. FHWA Complete Streets Workshop – May 25, 2022, 8:30 a.m. (In-person, H-GAC)
- d. Transportation Improvement Program Subcommittee Meeting and Call for Projects Workshop – June 1, 2022, 1:30 p.m. (In-person, H-GAC)
- e. Call for Projects Workshop – June 9, 2022, 1:30 p.m., H-GAC (In-person, H-GAC)
- f. Transportation Air Quality Subcommittee Meeting – June 1, 2022, 10:00 a.m. (Virtual)
- g. Transportation Systems Management Operations (TSMO) Subcommittee Meeting – June 3, 2022, 2:00 p.m. (Virtual)
- h. Pedestrian and Bicyclist Special Meeting – June 9, 2022, 9:30 a.m. (Virtual)
- i. Next TAC Meeting – June 15, 2022, 9:30 a.m. (Hybrid)
- j. Greater Houston Freight Committee Meeting – June 23, 2022, 1:00 p.m. (Virtual)
- k. Next TPC Meeting – June 24, 2022, 9:30 a.m. (Hybrid)
- l. Transportation Safety Committee Meeting – June 28, 2022, 1:30 p.m. (In-person, H-GAC)
- m. Regional Air Quality Planning Advisory Committee (RAQPAC) Meeting – June 30, 2022, 10:00 a.m. (Virtual)

ADJOURNMENT

Chairman Smith adjourned the meeting of the TAC at 11:21 a.m.

**Agenda Item 4**  
**TAC Meeting Packet – 6/15/22**

A slide presentation and audio recording of all presentations are available on the TAC website at:  
<https://hgac.swagit.com/play/05192022-601/13/>

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1st Vice Chair  
Transportation Advisory Committee



ATTACHMENT 1

**TRANSPORTATION ADVISORY COMMITTEE  
MEETING ATTENDANCE (Roll Call)**

**May 18, 2022 at 9:30 a.m.**

NOTES:

1. Attendance is marked with “X” in the corresponding column for the Member and/or Alternate.
2. Where both the Member and Alternate are present, the Alternate is marked with an asterisk (\*) after the “X” to indicate that this person does not count toward quorum or votes for this meeting.

<b><u>Member</u></b>	<b><u>Present</u></b>	<b><u>Representing</u></b>	<b><u>Alternate</u></b>	<b><u>Present</u></b>
<i>Chair</i>				
Loyd Smith, P.E.	<u>X</u>	Harris County	Brannan Hicks	<u>          </u>
1 <sup>st</sup> Vice Chair				
Veronica Chapa Gorczynski	<u>X</u>	Active Transportation	Ana Ramirez-Huerta	<u>X*</u>
2 <sup>nd</sup> Vice Chair				
Morad Kabiri, P.E.	<u>          </u>	Smaller Cities	Jildardo Arias, P.E., CFM	<u>X</u>
Michael Medwedeff	<u>          </u>	Smaller Cities	Dan Johnson	<u>          </u>
Timothy Magee	<u>          </u>	Smaller Cities	Robert Reynolds	<u>          </u>
Perri D’Armond	<u>          </u>	Transit	Pamela LeBrane	<u>X</u>
Catherine McCreight	<u>X</u>	Transit	Vacant	<u>          </u>
Ruthanne Haut	<u>X</u>	Transit	Todd Stephens	<u>          </u>
Carl Woodward	<u>X</u>	Environmental	Craig Maske	<u>          </u>
Katherine Parker	<u>X</u>	Environmental	Dr. Carol Lewis	<u>          </u>
David Fields	<u>X</u>	Planning	Jennifer Ostlind, AICP	<u>          </u>
David Wurdlow	<u>X</u>	Planning	Faustino Benavidez, P.E.	<u>X*</u>
Lisa Kocich-Meyer	<u>X</u>	Planning	Jessie Li, Ph.D., P.E.	<u>          </u>
Marlisa Briggs	<u>X</u>	Business Interests	Vacant	<u>          </u>
Elijah Williams	<u>X</u>	Business Interests	Amy Skicki	<u>X*</u>
Jonathan Brooks	<u>X</u>	Citizens Interests	Dexter Handy	<u>X*</u>
Andrea French	<u>X</u>	Citizens Interests	Sherry Weesner, P.E., CPM	<u>X*</u>
Bruce Mann	<u>X</u>	Port of Houston	Rohit Saxena	<u>          </u>
Michael Wilson	<u>X</u>	Port Freeport	Jason Miura	<u>          </u>
Heather Jinkins Cantu	<u>X</u>	Toll Road	Kate Lanzarone	<u>          </u>
Jimmy Thompson	<u>          </u>	Toll Road	(Vacant)	<u>          </u>
Joe Cutrufo	<u>          </u>	Active Transportation	Lisa Graiff	<u>X</u>
Bill Zrioka	<u>X</u>	Airport	Beth Rosenbaum	<u>X*</u>
Rick Guererro	<u>X</u>	Regional Planning	Onyinye Akujuo	<u>X</u>
Clint Harbert	<u>          </u>	METRO	Alan Clark	<u>X</u>

<b><u>Member</u></b>	<b><u>Present</u></b>	<b><u>Representing</u></b>	<b><u>Alternate</u></b>	<b><u>Present</u></b>
James W. Koch, P.E.	<u>X</u>	TxDOT-Houston District	Vacant	<u>                    </u>
Martin N. Gonzalez, P.E.	<u>                    </u>	TxDOT-Beaumont District	Adam Jack, P.E.	<u>                    </u>
Karen McKinnon, P.E.	<u>                    </u>	Brazoria County	Trey Haskins	<u>                    </u>
Cory Taylor	<u>                    </u>	Chambers County	Natalie G. Lopez	<u>X</u>
Stacy Slawinski, P.E.	<u>X</u>	Fort Bend County	Rick J. Staigle, P.E.	<u>                    </u>
Michael Shannon, P.E.	<u>X</u>	Galveston County	Nancy Baher, P.E.	<u>                    </u>
David Douglas	<u>                    </u>	Liberty County	Hon. Jay Knight	<u>                    </u>
Jeff Johnson, P.E.	<u>                    </u>	Montgomery County	Brian Clark, P.E.	<u>                    </u>
Yancy Scott, P.E.	<u>X</u>	Waller County	Jared Chen, P.E., PMP	<u>                    </u>
Frank Simoneaux, P.E.	<u>                    </u>	City of Baytown	Martin Scribner	<u>X</u>
Rafael Carrasquillo, P.E.	<u>                    </u>	City of Conroe	Chris Bogert, P.E.	<u>                    </u>
Robert Winiecke, P.E., CFM	<u>X</u>	City of Galveston	Brandon Cook	<u>                    </u>
Veronica O. Davis, P.E.	<u>X</u>	City of Houston	Fabio Capillo	<u>                    </u>
Christopher Sims	<u>X</u>	City of League City	Council Member John Bowen	<u>                    </u>
Todd Hoover	<u>                    </u>	City of Missouri City	Shashi Kumar	<u>                    </u>
Council Member Cary Bass	<u>                    </u>	City of Pasadena	Dan Pennington	<u>                    </u>
Trent Epperson	<u>                    </u>	City of Pearland	Robert Upton, P.E.	<u>X</u>
Monique Johnson	<u>X</u>	City of Sugar Land	Rick Ramirez, P.E.	<u>                    </u>
Kim Golden, P.E.	<u>                    </u>	City of Texas City	Jack Haralson, P.E.	<u>                    </u>

44      **Total Voting Membership**  
**Total Voting Membership**  
33      **Present**  
22      **Required for Quorum**

Ex Officio: Roger E. Rees                          

Port of Galveston

**05. AMENDMENTS TO THE 2023-2026 TIP AND 2045 RTP**

**Summary**

- Rescope the City of Galveston bus acquisition project (MPO 11025/CSJ N/A) to reflect the purchase of five (5) LPG buses instead of ten (10), reduce the federal funding to \$1.06M and change the funding source from Federal Transit Administration (FTA) Section 5307, Urban Area Formula Program, to Section 5339, Bus and Bus Facilities Program. Assign 212K Transportation Development Credits in lieu of matching funds. (-\$2.5M, Total Cost: \$1.1M)
- Extend the limits of the Near Northwest Management District West Little York Road Pedestrian and Bike Improvements project to include a segment on West Tidwell Road. The extension will allow for full utilization of the Surface Transportation Block Grant (STBG) funds that were obligated in FY 2020. (+\$0M; Total Cost: \$2.7M)
- Add \$740K of federal STBG funding, matched with \$607K of local contribution, to the East End Management District Navigation Boulevard roundabout reconstruction project (MPO ID 17079/CSJ 0912-72-386) to cover the costs of inflation incurred over a three-year period. (+\$1.3M; Total Cost: \$4.4M)
- Add \$3.5M of federal STBG funding, split 50/50 with the City of Baytown, to cover additional costs incurred by inflation for the Garth Road widening project (MPO ID 17096/CSJ 0912-72-359). (+\$3.5M; Total Cost: \$41.7M)
- Program five regional Intelligent Transportation System installation projects from the TxDOT Statewide ITS Program (SCSJ 5800-00-915) that were funded with Category-2, Metropolitan Mobility and Urban Area Corridor Projects, into FY 2024 of the TIP with Congestion Mitigation/Air Quality, Category-5, funds (MPO ID 17090/CSJ 0598-02-120, MPO ID 17100/CSJ 0187-05-062, MPO ID 18404/CSJ 0187-05-062, MPO ID 18522/CSJ 0114-11-090, MPO ID 18523/CSJ 0050-04-029) (+\$39.1M, Total Cost: \$39.1M).
- Revise the Metropolitan Transit Authority of Harris County (METRO) Federal Transit Administration FY 2020 Section 5307, 5310 and 5339 apportionments in TIP. Funding revisions include Bus/Rail Capitalized Maintenance (MPO ID 18001), METROLift ADA Support (MPO ID 18008), and Rail Capitalized Maintenance (MPO ID 18153). New projects include the Regional Transit Fare Collection System (MPO ID 18857), West Bellfort Park & Ride Modifications (MPO ID 18858), Ride with HEART Transit Services (MPO ID 18859), The Village Learning Center Transit Service (MPO ID 18860), and Montrose Transit Access Improvements (MPO ID 18861). (+\$17.1M; Total Cost: \$115.5M).
- Program Fort Bend County's approved, revised FY 2020 FTA Section 5310, Enhanced Mobility of Seniors and Individuals with Disabilities, formula grant in FY 2023 of the TIP. (+\$1.9M; Total Cost: \$1.9M)
- Program Near Northwest Management District's approved, revised FY 2020 FTA Section 5310, Enhanced Mobility of Seniors and Individuals with Disabilities, formula grant in FY 2023 of the TIP. (+\$380K; Total Cost: \$380K)

- Revise the scope of the City of Baytown’s Garth Road widening and reconstruction project (MPO ID 18659) to specify that only reconstruction is being performed. Also, cancel a project section (MPO ID 18079) that duplicates the access management elements being performed in the funded segment between IH 10 and south of Archer Road (MPO ID 17096/CSJ 0912-72-359). These changes will allow the corridor to obtain a project level conformity determination for National Environment Policy Act (NEPA) approval.

**Action Requested**

Transportation Advisory Committee recommendation for Transportation Policy Council approval of Resolutions 2022-22 and 2022-23.



# Resolution NO. 2022-21

AUTHORIZING AMENDMENTS OF THE 2045 REGIONAL TRANSPORTATION PLAN (RTP) AND THE 2023-2026 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 2023-2026 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 2023-2026 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 2023-2026 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 2023–2026 TRANSPORTATION IMPROVEMENT PROGRAM BE AMENDED TO REFLECT THE REVISIONS IDENTIFIED IN THE TABLE OF **JUNE 2022 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 June 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

\_\_\_\_\_  
Hon. David Robinson, Chairman  
Transportation Policy Council

\_\_\_\_\_  
Hon. Nancy Arnold, Secretary  
Transportation Policy Council



# Resolution

## NO. 2022-22

APPROVING THE AWARD OF TRANSPORTATION DEVELOPMENT CREDITS (TDCs) AND AUTHORIZING RELATED AMENDMENTS TO THE *2045 REGIONAL TRANSPORTATION PLAN* (RTP), AND TO THE *2023-2026 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 November 20, 2020.

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 PROJECTS IN THE ATTACHED TABLE#1 AND THAT THE TRANSPORTATION DIRECTOR IS DIRECTED TO ENTER INTO ANY NECESSARY PROJECT AGREEMENTS.

PASSED AND APPROVED this 24th day of June 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

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Hon. David Robinson, Chairman  
Transportation Policy Council

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Hon. Nancy Arnold, Secretary  
Transportation Policy Council

H-GAC 2023-2026 TIP and 2045 RTP

June 2022 TPC Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications					
					STIP?	Funding (M)			Scope	Schedule
						Fed/State	Local			
1	11025 N/A	CITY OF GALVESTON (GAL)	CITY OF GALVESTON (VA, VA) PURCHASE 5 NEW LPG BUSES	T	No	<input checked="" type="checkbox"/> (\$2.5)	(\$0.9)	5307 to 5339.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	17078 0912-72-394	NEAR NORTHWEST MANAGEMEN... (HAR)	LITTLE YORK RD W; TIDWELL RD W (HOLLISTER ST..., ANTOINE DR T...) RECONSTRUCT BACK OF CURB INFRASTRUCTURE (SIDEWALKS, CURBS, ADA RAMPS, PEDESTRIAN LIGHTING AND LANDSCAPING) AND MULTIUSE TRAIL CONNECTOR TO WHITE OAK BAYOU TRAIL	P/B	No	<input type="checkbox"/>			<input checked="" type="checkbox"/> Limits.	<input type="checkbox"/>
3	17079 0912-72-386	EAST END DISTRICT (HAR)	NAVIGATION BLVD (AT JENSEN DR..., NULL) RECONSTRUCT INTERSECTION AS URBAN ROUNDABOUT INCLUDING PEDESTRIAN STREETScape AND BUS STOP IMPROVEMENTS	R	No	<input checked="" type="checkbox"/> + \$0.7	+ \$0.6		<input type="checkbox"/>	<input checked="" type="checkbox"/> Delay FY 2022 to FY 2023.
4	17090 0598-02-120	TXDOT HOUSTON DISTRICT (BRA)	SH 288 (SH 6, FM 1462) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	Yes	<input checked="" type="checkbox"/> + \$6.4	+ \$1.6		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
5	17096 0912-72-359	CITY OF BAYTOWN (HAR)	GARTH RD (IH 10, S OF ARCHER ...) RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES INCLUDING ACCESS MANAGEMENT IMPROVEMENTS	R	No	<input checked="" type="checkbox"/> + \$1.8	+ \$1.8		<input type="checkbox"/>	<input type="checkbox"/>
6	17100 0187-05-061	TXDOT HOUSTON DISTRICT (FOR)	SS 10 (SH 36 N, IH 69) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	Yes	<input checked="" type="checkbox"/> + \$3.6	+ \$0.9		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
7	18008 N/A	METRO (HAR)	METRO SERVICE AREA (VA, VA) METROLIFT ADA SUPPORT: FY 2020	T	No	<input checked="" type="checkbox"/> + \$0.3	+ \$0.1		<input type="checkbox"/>	<input type="checkbox"/>
8	18079 N/A	CITY OF BAYTOWN (HAR)	GARTH RD (IH 10, SANTAVY ST) ACCESS MANAGEMENT TREATMENTS	R	No	<input type="checkbox"/>			<input checked="" type="checkbox"/> Cancel.	<input checked="" type="checkbox"/> Cancel.
9	18153 N/A	METRO (HAR)	METRO SERVICE AREA (VA, VA) RAIL CAPITALIZED MAINTENANCE: FY 2020	T	No	<input checked="" type="checkbox"/> (\$0.4)	(\$0.1)		<input type="checkbox"/>	<input type="checkbox"/>
10	18404 0187-05-062	HOUSTON TRANSTAR (FOR)	SH 36 (AUSTIN C/L, SS 10) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	Yes	<input checked="" type="checkbox"/> + \$7.9	+ \$2.0		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
11	18522 0114-11-090	TXDOT HOUSTON DISTRICT (WAL)	US 290 (WASHINGTON C..., HARRIS C/L) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	Yes	<input checked="" type="checkbox"/> + \$9.0	+ \$2.3		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.



H-GAC 2023-2026 TIP and 2045 RTP

June 2022 TPC Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
12	18523 0050-04-029	TXDOT HOUSTON DISTRICT (WAL)	SH 6 (GRIMES C/L, US 290) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	Yes	<input checked="" type="checkbox"/> +\$4.4	+ \$1.1	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
13	18659 N/A	CITY OF BAYTOWN (HAR)	GARTH RD (S OF BAKER R..., SH 146) RECONSTRUCTION FROM 4 TO 4 LANES WITH ACCESS MANAGEMENT IMPROVEMENTS	R	No	<input type="checkbox"/>		<input checked="" type="checkbox"/> No widening.	<input type="checkbox"/>
14	18857 N/A	METRO (MUL)	METRO SERVICE AREA (VA, VA) REGIONAL TRANSIT FARE COLLECTION SYSTEM: FY 2020 5339 FORMULA	T	Yes	<input checked="" type="checkbox"/> +\$5.0	+ \$1.3	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
15	18858 N/A	METRO (HAR)	WEST BELLFORT PARK & RIDE (VA, VA) WEST BELLFORT PARK & RIDE MODIFICATIONS: FY 2020 5339 FORMULA	T	Yes	<input checked="" type="checkbox"/> +\$5.0	+ \$1.3	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
16	18859 N/A	H.E.A.R.T. TRANSPORTATIO...	HEART SERVICE AREA (VA, VA) RIDE WITH H.E.A.R.T. TRANSIT SERVICES	T	Yes	<input checked="" type="checkbox"/> +\$0.4	-0-	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
17	18860 N/A	THE VILLAGE LEARNING CEN...	THE VILLAGE LEARNING CENTER SERVICE AREA (VA, VA) THE VILLAGE LEARNING CENTER, INC. TRANSIT SERVICE	T	Yes	<input checked="" type="checkbox"/> +\$0.2	-0-	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
18	18861 N/A	MONTROSE REDEVELOPMENT	MONTROSE NEIGHBORHOOD (VA, VA) TRANSIT ACCESS IMPROVEMENTS	T	Yes	<input checked="" type="checkbox"/> +\$0.3	-0-	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
19	18862 N/A	FORT BEND COUNTY PUBLIC ... (FOR)	FORT BEND COUNTY (VA, VA) CAPITAL EXPENDITURES FOR FORT BEND COUNTY PUBLIC TRANSPORTATION: FY 2020	T	Yes	<input checked="" type="checkbox"/> +\$1.9	-0-	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
20	18865 N/A	NEAR NORTHWEST MANAGEMEN...	NEAR NORTHWEST MANAGEMENT DISTRICT (VA, VA) TRANSIT ACCESS IMPROVEMENTS	T	Yes	<input checked="" type="checkbox"/> +\$0.4	-0-	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.

8-Jun-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **11025 /**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Galveston		VA	Capital	GALVESTON	CITY OF GALVESTON	\$1,060,000

STREET: CITY OF GALVESTON      MPO PROJECT ID: 11025  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : PURCHASE 5 NEW LPG BUSES

**Project History :** Amendment # JUN-2022- 2022-06-24 Modify description from 10 new transit vehicles to 5 new LPG buses and add in 212,000 TDCs.\*\*\*

**Remarks:** 212,000 TDCs.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$1,060,000	Sec. 5339	\$1,060,000	\$0	\$0	\$0	\$1,060,000
Right Of Way:	\$0							
Construction:	\$1,060,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$1,060,000</b>		<b>Funding by share:</b>	<b>\$1,060,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,060,000</b>
			<b>TDC: 212,000</b>					

**OLD VERSION**

**MPOID / CSJ**      **11025 /**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Galveston		VA	Capital	GALVESTON	CITY OF GALVESTON	\$1,060,000

STREET: CITY OF GALVESTON      MPO PROJECT ID: 11025  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : PURCHASE 10 NEW TRANSIT VEHICLES

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$1,060,000	Sec. 5339	\$1,060,000	\$0	\$0	\$0	\$1,060,000
Right Of Way:	\$0							
Construction:	\$1,060,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$1,060,000</b>		<b>Funding by share:</b>	<b>\$1,060,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,060,000</b>
			<b>TDC: 0</b>					

8-Jun-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **17078 / 0912-72-394**      **FY 2020**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-394	CS	Transfer	HOUSTON	NEAR NORTHWEST MANAGEMENT DISTRICT	\$2,743,000
STREET:						MPO PROJECT ID:	17078
LIMITS FROM:						VOC:	0.00 kg/day
LIMITS TO:						NOx:	0.01 kg/day
TIP DESCRIPTION : RECONSTRUCT BACK OF CURB INFRASTRUCTURE (SIDEWALKS, CURBS, ADA RAMPS, PEDESTRIAN LIGHTING AND LANDSCAPING) AND MULTIUSE TRAIL CONNECTOR TO WHITE OAK BAYOU TRAIL							

**Project History :** Amendment # JUN-2022- 2022-06-24 Expand limits to include segment on West Tidwell Road from Antoine Drive to TC Jester Boulevard.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$2,743,000	7-STP-MM	\$2,194,400	\$0	\$548,600	\$0	\$2,743,000
Right Of Way:	\$0		<b>Funding by share:</b>					
Construction:	\$2,743,000		\$2,194,400	\$0	\$548,600	\$0	\$2,743,000	
Construction Engineering:	\$0		TDC: 0					
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$2,743,000</b>							

**OLD VERSION**

**MPOID / CSJ**      **17078 / 0912-72-394**      **FY 2020**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-394	CS	Transfer	HOUSTON	NEAR NORTHWEST MANAGEMENT DISTRICT	\$2,743,000
STREET:						MPO PROJECT ID:	17078
LIMITS FROM:						VOC:	0.00 kg/day
LIMITS TO:						NOx:	0.01 kg/day
TIP DESCRIPTION : RECONSTRUCT BACK OF CURB INFRASTRUCTURE (SIDEWALKS, CURBS, ADA RAMPS, PEDESTRIAN LIGHTING AND LANDSCAPING) AND MULTIUSE TRAIL CONNECTOR TO WHITE OAK BAYOU TRAIL							

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2020 with CMAQ funding.\*\*\* Amendment # 16- 2016-10-28 Add CSJ number.\*\*\* Amendment # OCT-2017A- 2017-10-27 FTA funds transfer.\*\*\* Amendment # JUL-2018A- 2018-07-27 Change Phase from 'Construction' to 'Transfer'.\*\*\* Amendment # MAR-2019A- 2019-03-22 Change funding from Cat-5 (CMAQ) to Cat-7 (STBG). Change phase from 'Construction' to 'Transfer'.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$2,743,000	7-STP-MM	\$2,194,400	\$0	\$548,600	\$0	\$2,743,000
Right Of Way:	\$0		<b>Funding by share:</b>					
Construction:	\$2,743,000		\$2,194,400	\$0	\$548,600	\$0	\$2,743,000	
Construction Engineering:	\$0		TDC:					
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$2,743,000</b>							

8-Jun-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **17079 / 0912-72-386** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-386	CS	C:E	HOUSTON	EAST END DISTRICT	\$4,379,749

STREET: NAVIGATION BLVD MPO PROJECT ID: 17079  
 LIMITS FROM: AT JENSEN DR/RUNNELS ST VOC: kg/day  
 LIMITS TO: NOx: kg/day  
 TIP DESCRIPTION : RECONSTRUCT INTERSECTION AS URBAN ROUNDABOUT INCLUDING PEDESTRIAN STREETScape AND BUS STOP IMPROVEMENTS

**Project History :** Amendment # JUN-2022- 2022-06-24 Increase federal funding from \$2,425,600 to \$3,165,704 and local from \$606,600 to \$1,214,045 to cover increased costs due to inflation. Delay from FY 2022 to FY 2023.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$204,583	<b>\$4,379,749</b>	7-STBG	\$3,165,704	\$0	\$1,214,045	\$0	\$4,379,749
Right Of Way:	\$0		<b>Funding by share:</b>	\$3,165,704	\$0	\$1,214,045	\$0	\$4,379,749
Construction:	\$4,175,166		TDC: 0					
Construction Engineering:	\$250,510							
Contingencies:	\$417,517							
Indirects:	\$212,098							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$5,259,874</b>							

**OLD VERSION**

**MPOID / CSJ**      **17079 / 0912-72-386** **FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-386	CS	C:E	HOUSTON	EAST END DISTRICT	\$4,379,749

STREET: NAVIGATION BLVD MPO PROJECT ID: 17079  
 LIMITS FROM: AT JENSEN DR/RUNNELS ST VOC: kg/day  
 LIMITS TO: NOx: kg/day  
 TIP DESCRIPTION : RECONSTRUCT INTERSECTION AS URBAN ROUNDABOUT INCLUDING PEDESTRIAN STREETScape AND BUS STOP IMPROVEMENTS

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2020 with Cat-7 funding.\*\*\* Amendment # 16- 2016-10-28 Add CSJ number.\*\*\* Amendment # SEP-2017A- 2017-09-22 Add engineering as an authorized phase of work per project application.\*\*\* Amendment # APR-2021A- 2021-04-23 Delay from FY 2021 to FY 2022 at the sponsor's request.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$204,583	<b>\$4,379,749</b>	7-STBG	\$3,165,704	\$0	\$1,214,045	\$0	\$4,379,749
Right Of Way:	\$0		<b>Funding by share:</b>	\$3,165,704	\$0	\$1,214,045	\$0	\$4,379,749
Construction:	\$4,175,166		TDC:					
Construction Engineering:	\$250,510							
Contingencies:	\$417,517							
Indirects:	\$212,098							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$5,259,874</b>							

8-Jun-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **17090 / 0598-02-120**      **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	0598-02-120	SH 288	C	IOWA COLONY	TXDOT HOUSTON DISTRICT	\$8,032,000

STREET: SH 288      MPO PROJECT ID: 17090  
 LIMITS FROM: SH 6      VOC: kg/day  
 LIMITS TO: FM 1462      NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # JUN-2022- 2022-06-24 Program in FY 2024 of the TIP with Cat-5/CMAQ funding.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$393,568	<b>\$8,032,000</b>	5-CMAQ	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
Right Of Way:	\$0		<b>Funding by share:</b>	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
Construction:	\$8,032,000		<b>TDC: 0</b>					
Construction Engineering:	\$401,600							
Contingencies:	\$803,200							
Indirects:	\$408,026							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$10,038,394</b>							

**OLD VERSION**

**MPOID / CSJ**      **17090 / 0598-02-120**      **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	0598-02-120	SH 288	C	IOWA COLONY	TXDOT HOUSTON DISTRICT	\$8,032,000

STREET: SH 288      MPO PROJECT ID: 17090  
 LIMITS FROM: SH 6      VOC: kg/day  
 LIMITS TO: FM 1462      NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2021 with PROP-7 funding.\*\*\* Amendment # OCT-2017- 2017-10-27 Delay from FY 2021 to FY2022 and modify Cat-2 funding.\*\*\* Amendment # JAN-2021- 2021-01-22 Removed from 2021 TIP at TxDOT's request to group in TXDOT Statewide ITS Deployment Program (5000-00-915) in order to fiscally constrain the 2021 STIP.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$393,568	<b>\$8,032,000</b>	2-METRO-TMA	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
Right Of Way:	\$0		<b>Funding by share:</b>	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
Construction:	\$8,032,000		<b>TDC:</b>					
Construction Engineering:	\$401,600							
Contingencies:	\$803,200							
Indirects:	\$408,026							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$10,038,394</b>							

8-Jun-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **17096 / 0912-72-359** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-359	CS	C:E(REVIEW)	BAYTOWN	CITY OF BAYTOWN	\$41,730,000

STREET:                    GARTH RD MPO PROJECT ID:    17096  
 LIMITS FROM:            IH 10 VOC:                            kg/day  
 LIMITS TO:                S OF ARCHER RD NOx:                            kg/day  
 TIP DESCRIPTION :    RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES INCLUDING ACCESS MANAGEMENT IMPROVEMENTS

**Project History :** Amendment # JUN-2022- 2022-06-24 Program an additional \$3.5M of STBG funds split 50/50 federal/local to cover cost escalation caused by inflation.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,566,000	<b>\$41,730,000</b>	7-STBG	\$32,334,000	\$0	\$9,396,000	\$0	\$41,730,000
Right Of Way:	\$1,090,000		<b>Funding by share:</b>	\$32,334,000	\$0	\$9,396,000	\$0	\$41,730,000
Construction:	\$15,937,000		<b>TDC: 0</b>					
Construction Engineering:	\$800,600							
Contingencies:	\$1,601,200							
Indirects:	\$813,410							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$21,808,210</b>							

**OLD VERSION**

**MPOID / CSJ**      **17096 / 0912-72-359** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-359	CS	C:E(REVIEW)	BAYTOWN	CITY OF BAYTOWN	\$38,230,000

STREET:                    GARTH RD MPO PROJECT ID:    17096  
 LIMITS FROM:            IH 10 VOC:                            kg/day  
 LIMITS TO:                S OF ARCHER RD NOx:                            kg/day  
 TIP DESCRIPTION :    RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES INCLUDING ACCESS MANAGEMENT IMPROVEMENTS

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2021 with Cat-7 funding.\*\*\* Amendment # JUN-2020- 2020-06-27 Program additional Cat-7/STBG funding, incl. \$1,252,800 federal from E-phase (MPOID 17015) and \$872,000 from R-phase (17095), to cover additional costs of flood resiliency design standards. Shorten limits and advance from FY 2022 to FY 2021.\*\*\* Amendment # OCT-2021- 2021-10-22 Delay from FY 2022 to FY 2023.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,566,000	<b>\$38,230,000</b>	7-STBG	\$30,584,000	\$0	\$7,646,000	\$0	\$38,230,000
Right Of Way:	\$1,090,000		<b>Funding by share:</b>	\$30,584,000	\$0	\$7,646,000	\$0	\$38,230,000
Construction:	\$15,937,000		<b>TDC:</b>					
Construction Engineering:	\$800,600							
Contingencies:	\$1,601,200							
Indirects:	\$813,410							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$21,808,210</b>							

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ 17100 / 0187-05-061 FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0187-05-061	SS 10	C	ROSENBERG	TXDOT HOUSTON DISTRICT	\$4,451,601

STREET: SS 10 MPO PROJECT ID: 17100  
 LIMITS FROM: SH 36 N VOC: kg/day  
 LIMITS TO: IH 69 NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # JUN-2022- 2022-06-24 Program in FY 2024 of the TIP with Cat-5/CMAQ funding.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$218,128	\$4,451,601	5-CMAQ	\$3,561,281	\$890,320	\$0	\$0	\$4,451,601
Right Of Way:	\$0		<b>Funding by share:</b>	\$3,561,281	\$890,320	\$0	\$0	\$4,451,601
Construction:	\$4,451,601		TDC: 0					
Construction Engineering:	\$267,096							
Contingencies:	\$445,160							
Indirects:	\$226,141							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$5,608,127</b>							

**OLD VERSION**

**MPOID / CSJ 17100 / 0187-05-061 FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0187-05-061	SS 10	C	ROSENBERG	TXDOT HOUSTON DISTRICT	\$4,451,601

STREET: SS 10 MPO PROJECT ID: 17100  
 LIMITS FROM: SH 36 N VOC: kg/day  
 LIMITS TO: IH 69 NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2022 with PROP-7 funding.\*\*\* Amendment # OCT-2017- 2017-10-27 Delay from FY2022 to FY2023, modify Cat-2 funding and reflect potential use of federal funds.\*\*\* Amendment # NOV-2020- 2020-11-20 Modify funding and limits in coordination with adjoining FY 2026 SH 36 ITS project 18404/0187-05-062.\*\*\* Amendment # JAN-2021- 2021-01-22 Removed from the 2021-2024 TIP at TxDOT's request to program in TXDOT Statewide ITS Program (Grouped CSJ 5800-00-915).\*\*\* Amendment # MAY-2021- 2021-05-21 Delay from FY 2023 to FY 2026.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$218,128	\$4,451,601	2-METRO-TMA	\$3,561,281	\$890,320	\$0	\$0	\$4,451,601
Right Of Way:	\$0		<b>Funding by share:</b>	\$3,561,281	\$890,320	\$0	\$0	\$4,451,601
Construction:	\$4,451,601		TDC:					
Construction Engineering:	\$267,096							
Contingencies:	\$445,160							
Indirects:	\$226,141							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$5,608,127</b>							



2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

Canceled

**OLD VERSION**

**MPOID / CSJ** 18079 / **STIP Revision Date:** **FY 2035**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		CS	C	BAYTOWN	CITY OF BAYTOWN	
STREET:	GARTH RD					MPO PROJECT ID:	18,079
LIMITS FROM:	IH 10					VOC:	kg/day
LIMITS TO:	SANTAVY ST					NOx:	kg/day
TIP DESCRIPTION :	ACCESS MANAGEMENT TREATMENTS						

**Project History :**

<b>Remarks:</b> <b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
Preliminary Engineering:	Funding Category		Federal	State	Local	Local Contribution		
Right Of Way:								
Construction:								
Construction Engineering:								
Contingencies:								
Indirects:								
Bond Financing:								
<b>Total Project Cost</b>								
		<b>Funding by share:</b>						
		<b>TDC: 0</b>						

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18008 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Capital	HOUSTON	METRO	\$10,615,225

STREET: METRO SERVICE AREA      MPO PROJECT ID: 18008  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : METROLIFT ADA SUPPORT: FY 2020

**Project History :** Amendment # JUN-2022- 2022-06-24 Modify the funding based on the revised allocation.\*\*\*

**Remarks:** These funds are for FY 2022.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$10,615,225	Sec. 5307	\$8,492,180	\$0	\$2,123,045	\$0	\$10,615,225
Right Of Way:	\$0							
Construction:	\$10,615,225							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$10,615,225</b>		<b>Funding by share:</b>	<b>\$8,492,180</b>	<b>\$0</b>	<b>\$2,123,045</b>	<b>\$0</b>	<b>\$10,615,225</b>
			TDC: 0					

**OLD VERSION**

**MPOID / CSJ**      **18008 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Capital	HOUSTON	METRO	\$10,287,335

STREET: METRO SERVICE AREA      MPO PROJECT ID: 18008  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : METROLIFT ADA SUPPORT: FY 2020

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$10,287,335	Sec. 5307	\$8,229,868	\$0	\$2,057,467	\$0	\$10,287,335
Right Of Way:	\$0							
Construction:	\$10,287,335							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$10,287,335</b>		<b>Funding by share:</b>	<b>\$8,229,868</b>	<b>\$0</b>	<b>\$2,057,467</b>	<b>\$0</b>	<b>\$10,287,335</b>
			TDC: 0					

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18153 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	C	HOUSTON	METRO	\$7,976,019

STREET: METRO SERVICE AREA      MPO PROJECT ID: 18153  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : RAIL CAPITALIZED MAINTENANCE: FY 2020

**Project History :** Amendment # JUN-2022- 2022-06-24 Modify funding based on revised allocation.\*\*\*

**Remarks:** These funds are for FY 2022.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$7,976,019	Sec. 5337	\$6,380,815	\$0	\$1,595,204	\$0	\$7,976,019
Right Of Way:	\$0							
Construction:	\$7,976,019							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$7,976,019</b>		<b>Funding by share:</b>	<b>\$6,380,815</b>	<b>\$0</b>	<b>\$1,595,204</b>	<b>\$0</b>	<b>\$7,976,019</b>
			TDC: 0					

**OLD VERSION**

**MPOID / CSJ**      **18153 /**      **STIP Revision Date:**      **FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	C	HOUSTON	METRO	\$8,527,728

STREET: METRO SERVICE AREA      MPO PROJECT ID: 18153  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : RAIL CAPITALIZED MAINTENANCE: FY 2020

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$8,527,728	Sec. 5337	\$6,822,182	\$0	\$1,705,546	\$0	\$8,527,728
Right Of Way:	\$0							
Construction:	\$8,527,728							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$8,527,728</b>		<b>Funding by share:</b>	<b>\$6,822,182</b>	<b>\$0</b>	<b>\$1,705,546</b>	<b>\$0</b>	<b>\$8,527,728</b>
			TDC: 0					

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ 18404 / 0187-05-062 FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0187-05-062	SH 36	C	ORCHARD	HOUSTON TRANSTAR	\$9,908,400

STREET: SH 36 MPO PROJECT ID: 18404  
 LIMITS FROM: AUSTIN C/L VOC: kg/day  
 LIMITS TO: SS 10 NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # JUN-2022- 2022-06-24 Program in FY 2024 of the TIP with Cat-5/CMAQ funding.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$485,512	\$9,908,400	5-CMAQ	\$7,926,720	\$1,981,680	\$0	\$0	\$9,908,400
Right Of Way:	\$0		<b>Funding by share:</b>	\$7,926,720	\$1,981,680	\$0	\$0	\$9,908,400
Construction:	\$9,908,400		TDC: 0					
Construction Engineering:	\$495,420							
Contingencies:	\$990,840							
Indirects:	\$503,347							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$12,383,518</b>							

**OLD VERSION**

**MPOID / CSJ 18404 / 0187-05-062 FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0187-05-062	SH 36	C	ORCHARD	HOUSTON TRANSTAR	\$9,908,400

STREET: SH 36 MPO PROJECT ID: 18404  
 LIMITS FROM: AUSTIN C/L VOC: kg/day  
 LIMITS TO: SS 10 NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # JAN - 2021- 2021-01-22 Removed from the H-GAC 10-Year Plan at TxDOT's request to Statewide Program/Grouped CSJ 5800-00-915.\*\*\* **Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$485,512	\$9,908,400	2-METRO_TMA	\$7,926,720	\$1,981,680	\$0	\$0	\$9,908,400
Right Of Way:	\$0		<b>Funding by share:</b>	\$7,926,720	\$1,981,680	\$0	\$0	\$9,908,400
Construction:	\$9,908,400		TDC:					
Construction Engineering:	\$495,420							
Contingencies:	\$990,840							
Indirects:	\$503,347							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$12,383,518</b>							

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ 18522 / 0114-11-090 FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Waller	0114-11-090	US 290	C	NONE	TXDOT HOUSTON DISTRICT	\$11,268,693

STREET: US 290 MPO PROJECT ID: 18522  
 LIMITS FROM: WASHINGTON C/L VOC: kg/day  
 LIMITS TO: HARRIS C/L NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # JUN-2022- 2022-06-24 Program in FY 2024 of the TIP with Cat-5/CMAQ funding\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$552,166	\$11,268,693	5-CMAQ	\$9,014,954	\$2,253,739	\$0	\$0	\$11,268,693
Right Of Way:	\$0		<b>Funding by share:</b>	\$9,014,954	\$2,253,739	\$0	\$0	\$11,268,693
Construction:	\$11,268,693		TDC: 0					
Construction Engineering:	\$563,435							
Contingencies:	\$1,126,869							
Indirects:	\$572,450							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$14,083,613</b>							

**OLD VERSION**

**MPOID / CSJ 18522 / 0114-11-090 FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Waller	0114-11-090	US 290	C	NONE	UNSPONSORED (TBD)	\$11,268,693

STREET: US 290 MPO PROJECT ID: 18522  
 LIMITS FROM: WASHINGTON C/L VOC: kg/day  
 LIMITS TO: HARRIS C/L NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$552,166	\$11,268,693	2-METRO-TMA	\$9,014,954	\$2,253,739	\$0	\$0	\$11,268,693
Right Of Way:	\$0		<b>Funding by share:</b>	\$9,014,954	\$2,253,739	\$0	\$0	\$11,268,693
Construction:	\$11,268,693		TDC:					
Construction Engineering:	\$563,435							
Contingencies:	\$1,126,869							
Indirects:	\$572,450							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$14,083,613</b>							

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18523 / 0050-04-029** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Waller	0050-04-029	SH 6	C	NONE	TXDOT HOUSTON DISTRICT	\$5,450,046

STREET: SH 6 MPO PROJECT ID: 18523  
 LIMITS FROM: GRIMES C/L VOC: kg/day  
 LIMITS TO: US 290 NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # JUN-2022- 2022-06-24 Program in FY 2024 of the TIP with Cat-5/CMAQ funding\*\*\*

**Remarks:**

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					
			Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$267,052	<b>\$5,450,046</b>	5-CMAQ	\$4,360,037	\$1,090,009	\$0	\$0	\$5,450,046
Right Of Way:	\$0		<b>Funding by share:</b>					
Construction:	\$5,450,046			\$4,360,037	\$1,090,009	\$0	\$0	\$5,450,046
Construction Engineering:	\$272,502							
Contingencies:	\$545,005							
Indirects:	\$276,862							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$6,811,467</b>							

TDC: 0

**OLD VERSION**

**MPOID / CSJ**      **18523 / 0050-04-029** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Waller	0050-04-029	SH 6	C	NONE	TXDOT HOUSTON DISTRICT	\$5,450,046

STREET: SH 6 MPO PROJECT ID: 18523  
 LIMITS FROM: GRIMES C/L VOC: kg/day  
 LIMITS TO: US 290 NOx: kg/day  
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

**Project History :** Amendment # SEP-2021- 2021-09-24 Split out of Statewide ITS Program project 17099/0050-06-089/5800-00-915 with Cat-2 Federal:4,360,037; State: \$1,090,009\*\*\*

**Remarks:**

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					
			Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$267,052	<b>\$5,450,046</b>	2-METRO-TMA	\$4,360,037	\$1,090,009	\$0	\$0	\$5,450,046
Right Of Way:	\$0		<b>Funding by share:</b>					
Construction:	\$5,450,046			\$4,360,037	\$1,090,009	\$0	\$0	\$5,450,046
Construction Engineering:	\$272,502							
Contingencies:	\$545,005							
Indirects:	\$276,862							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$6,811,467</b>							

TDC:

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ** 18659 / **STIP Revision Date:** **FY 2028**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		CS	C	BAYTOWN	CITY OF BAYTOWN	
STREET:	GARTH RD					MPO PROJECT ID:	18,659
LIMITS FROM:	S OF BAKER RD					VOC:	kg/day
LIMITS TO:	SH 146					NOx:	kg/day
TIP DESCRIPTION :	RECONSTRUCTION FROM 4 TO 4 LANES WITH ACCESS MANAGEMENT IMPROVEMENTS						

**Project History :** Amendment # JUN-2022- 2022-06-24 Remove reference to widening to resolve conformity determination on corridor.\*\*\*

**Remarks:**

Total Project Cost Information:	Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:							
Right Of Way:							
Construction:							
Construction Engineering:							
Contingencies:							
Indirects:							
Bond Financing:							
<b>Total Project Cost</b>							
		<b>Funding by share:</b>					
		TDC: 0					

**OLD VERSION**

**MPOID / CSJ** 18659 / **STIP Revision Date:** **FY 2028**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		CS	C	BAYTOWN	CITY OF BAYTOWN	
STREET:	GARTH RD					MPO PROJECT ID:	18,659
LIMITS FROM:	S OF BAKER RD					VOC:	kg/day
LIMITS TO:	SH 146					NOx:	kg/day
TIP DESCRIPTION :	RECONSTRUCTION AND WIDENING FROM 4 TO 6 LANES WITH ACCESS MANAGEMENT IMPROVEMENTS						

**Project History :**

**Remarks:**

Total Project Cost Information:	Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:							
Right Of Way:							
Construction:							
Construction Engineering:							
Contingencies:							
Indirects:							
Bond Financing:							
<b>Total Project Cost</b>							
		<b>Funding by share:</b>					
		TDC: 0					



9-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE TPC AMENDMENTS**

**PROPOSED VERSION**

<b>MPOID / CSJ</b>	<b>18857 /</b>	<b>STIP Revision Date:</b>					<b>FY 2023</b>
<b>DISTRICT</b>	<b>COUNTY</b>	<b>CSJ</b>	<b>HWY</b>	<b>PHASE</b>	<b>CITY</b>	<b>PROJECT SPONSOR</b>	<b>YOE COST</b>
Houston	Multiple		VA	Capital	NONE	METRO	\$6,250,000

STREET: METRO SERVICE AREA MPO PROJECT ID: 18857  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL TRANSIT FARE COLLECTION SYSTEM: FY 2020 5339 FORMULA

**Project History :** Amendment # JUN-2022- 2022-06-24 Program METRO'S Fiscal Year 2020 TIP project revisions for 5307, 5310, 5337 and 5339 FTA Formula

**Remarks:** Funds including projects for sub-recipients.\*\*\*  
 These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$6,250,000</b>	Sec. 5339	\$5,000,000	\$0	\$1,250,000	\$0	\$6,250,000
Right Of Way:	\$0							
Construction:	\$6,250,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$6,250,000</b>		<b>Funding by share:</b>	<b>\$5,000,000</b>	<b>\$0</b>	<b>\$1,250,000</b>	<b>\$0</b>	<b>\$6,250,000</b>
			<b>TDC:</b>	<b>0</b>				

**OLD VERSION**

9-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE TPC AMENDMENTS**

**PROPOSED VERSION**

<b>MPOID / CSJ</b>	<b>18858 /</b>	<b>STIP Revision Date:</b>					<b>FY 2023</b>
<b>DISTRICT</b>	<b>COUNTY</b>	<b>CSJ</b>	<b>HWY</b>	<b>PHASE</b>	<b>CITY</b>	<b>PROJECT SPONSOR</b>	<b>YOE COST</b>
Houston	Harris		VA	Capital	HOUSTON	METRO	<b>\$6,284,805</b>

STREET: WEST BELLFORT PARK & RIDE MPO PROJECT ID: 18858  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : WEST BELLFORT PARK & RIDE MODIFICATIONS: FY 2020 5339 FORMULA

**Project History :** Amendment # JUN-2022- 2022-06-24 Program METRO'S Fiscal Year 2020 TIP project revisions for 5307, 5310, 5337 and 5339 FTA Formula  
 Funds including projects for sub-recipients.\*\*\*  
**Remarks:** These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$6,284,805</b>	Sec. 5339	\$5,027,844	\$0	\$1,256,961	\$0	\$6,284,805
Right Of Way:	\$0							
Construction:	\$6,284,805							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$6,284,805</b>		<b>Funding by share:</b>	<b>\$5,027,844</b>	<b>\$0</b>	<b>\$1,256,961</b>	<b>\$0</b>	<b>\$6,284,805</b>
			<b>TDC:</b>	<b>0</b>				

**OLD VERSION**

9-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE TPC AMENDMENTS**

**PROPOSED VERSION**

**MPOID / CSJ**      **18859 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Operating	HOUSTON	H.E.A.R.T. TRANSPORTATION	<b>\$365,050</b>

STREET: HEART SERVICE AREA      MPO PROJECT ID: 18859  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : RIDE WITH H.E.A.R.T. TRANSIT SERVICES

**Project History :** Amendment # JUN-2022- 2022-06-24 Program METRO'S Fiscal Year 2020 TIP project revisions for 5307, 5310, 5337 and 5339 FTA Formula Funds including projects for sub-recipients.\*\*\*  
**Remarks:** These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$365,050	<b>\$365,050</b>	Sec. 5310	\$365,050	\$0	\$0	\$0	\$365,050
Right Of Way:	\$0		<b>Funding by share:</b>	\$365,050	\$0	\$0	\$0	\$365,050
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$365,050</b>							

TDC: 0

**OLD VERSION**

9-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE TPC AMENDMENTS**

**PROPOSED VERSION**

**MPOID / CSJ**      **18860 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Operating	HOUSTON	THE VILLAGE LEARNING CENTER	<b>\$165,076</b>

STREET: THE VILLAGE LEARNING CENTER SERVICE AREA      MPO PROJECT ID: 18860  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : THE VILLAGE LEARNING CENTER, INC. TRANSIT SERVICE

**Project History :** Amendment # JUN-2022- 2022-06-24 Program METRO'S Fiscal Year 2020 TIP project revisions for 5307, 5310, 5337 and 5339 FTA Formula Funds, including projects for sub-recipients.\*\*\*  
**Remarks:** These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$165,076	<b>\$165,076</b>	Sec. 5310	\$165,076	\$0	\$0	\$0	\$165,076
Right Of Way:	\$0							
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$165,076</b>		<b>Funding by share:</b>	<b>\$165,076</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$165,076</b>
			<b>TDC:</b>	<b>0</b>				

**OLD VERSION**

9-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE TPC AMENDMENTS**

**PROPOSED VERSION**

<b>MPOID / CSJ</b>		<b>18861 /</b>		<b>STIP Revision Date:</b>			<b>FY 2023</b>
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Capital	HOUSTON	MONTROSE REDEVELOPMENT AUTHORITY	<b>\$250,000</b>
STREET: MONTROSE NEIGHBORHOOD						MPO PROJECT ID: 18861	
LIMITS FROM: VA						VOC: kg/day	
LIMITS TO: VA						NOx: kg/day	
TIP DESCRIPTION : TRANSIT ACCESS IMPROVEMENTS							

**Project History :** Amendment # JUN-2022- 2022-06-24 Program METRO'S Fiscal Year 2020 TIP project revisions for 5307, 5310, 5337 and 5339 FTA Formula Funds including projects for sub-recipients.\*\*\*

**Remarks:** These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$250,000</b>	Sec. 5310	\$250,000	\$0	\$0	\$0	\$250,000
Right Of Way:	\$0							
Construction:	\$250,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$250,000</b>		<b>Funding by share:</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$250,000</b>
			<b>TDC:</b>	<b>0</b>				

**OLD VERSION**

9-Jun-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

JUNE TPC AMENDMENTS

**PROPOSED VERSION**

<b>MPOID / CSJ</b>		<b>18862 /</b>		<b>STIP Revision Date:</b>			<b>FY 2023</b>
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend		VA	Capital	NONE	FORT BEND COUNTY PUBLIC TRANSPORTATION	\$1,860,088
STREET:						FORT BEND COUNTY	MPO PROJECT ID: 18862
LIMITS FROM:						VA	VOC: kg/day
LIMITS TO:						VA	NOx: kg/day
TIP DESCRIPTION : CAPITAL EXPENDITURES FOR FORT BEND COUNTY PUBLIC TRANSPORTATION: FY 2020							

**Project History :** Amendment # JUN-2022- 2022-06-24 Program the FY 2020 FTA Section 5310 formula funds award as a Direct Recipient.\*\*\*

**Remarks:** These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$1,860,088</b>	Sec. 5310	\$1,860,088	\$0	\$0	\$0	\$1,860,088
Right Of Way:	\$0							
Construction:	\$1,860,088							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$1,860,088</b>		<b>Funding by share:</b>	<b>\$1,860,088</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,860,088</b>
			<b>TDC:</b>	<b>0</b>				

**OLD VERSION**

9-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE TPC AMENDMENTS**

**PROPOSED VERSION**

<b>MPOID / CSJ</b>		<b>18865 /</b>		<b>STIP Revision Date:</b>			<b>FY 2023</b>
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Capital	HOUSTON	NEAR NORTHWEST MANAGEMENT DISTRICT	<b>\$379,519</b>
STREET:		NEAR NORTHWEST MANAGEMENT DISTRICT				MPO PROJECT ID:	18865
LIMITS FROM:		VA		VOC:		kg/day	
LIMITS TO:		VA		NOx:		kg/day	
TIP DESCRIPTION : TRANSIT ACCESS IMPROVEMENTS							

**Project History :** Amendment # JUN-2022- 2022-06-24 Program approved, revised sub-allocated METRO FY 2020 FTA Section 5310 formula funds.\*\*\*

**Remarks:** These funds are for FY 2022.

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$379,519</b>	Sec. 5310	\$379,519	\$0	\$0	\$0	\$379,519
Right Of Way:	\$0							
Construction:	\$379,519							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$379,519</b>		<b>Funding by share:</b>	<b>\$379,519</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$379,519</b>
			<b>TDC:</b>	<b>0</b>				

**OLD VERSION**



# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
James Oliver	409-797-3914	joliver@galvestontx.gov

## Project Information

<b>MPOID</b> 11025	<b>Sponsor Name</b> Galveston, Cityof
<b>TIP Project Description</b> Replacement Buses under 5339, alternative fuel-LPG	
<b>Federal Cost</b> \$1,060,000	<b>TDC Request</b> 212,000
<b>Is this project currently in the TIP?</b> Yes	<b>TIP Year</b> 2023

## 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.**  
HGAC region is in non-compliance with regards to air quality. Galveston Island Transit will be replacing an aging fleet with alternative fueled buses, LPG.

## 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.**  
HGAC region is in non-compliance with regards to air quality. Galveston Island Transit will be replacing an aging fleet with alternative fueled buses, LPG.

## Date Submitted

05/09/2022

**Mission Statement**

"Provide safe, clean, reliable, accessible and friendly public transportation services to our region."

**Board of Directors**

Sanjay Ramabhadran (Ram)  
Chair

Jim Robinson  
First Vice-Chair

Don Elder, Jr.  
Second Vice-Chair

Troi Taylor  
Secretary

Lex Frieden

Bob Fry

Christopher G. Hollins

Terry Morales

**President & Chief Executive Officer**

Thomas C. Lambert



April 12, 2022

Ms. Gail Lyssy  
Administrator  
Federal Transit Administration  
819 Taylor Street, Suite 8A36  
Ft. Worth, Texas 76102

**RE: Approved FY 2020 Section 5310 Formula Funds (Revised)**

Dear Ms. Lyssy:

On March 24, 2022, the METRO Board of Directors approved the allocation of the FY 2020 Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Formula Grants as follows:

<b>Approved FY 2020</b>		
Fort Bend County	1,860,088	52.4%
Harris County	470,000	13.2%
Gulf Coast Transit District	57,600	1.6%
Near Northwest Management District	379,519	10.7%
Houston METRO	<u>780,126</u>	22.0%
Total	<u>\$3,547,333</u>	100.0%

Each Direct Recipient agrees to the amounts allocated/reassigned and is responsible for its application to the Federal Transit Administration to receive Section 5310 funds and assumes the responsibilities associated with any award for these funds.

Please call me if you have questions regarding this information.

Sincerely,

  
Thomas C. Lambert  
President & CEO

- cc: Alan Clark, METRO
- Arthur C. Smiley III, METRO
- Albert Lyne, METRO
- Perri D'Armond, Fort Bend County
- Ken Fickes, Harris County
- Sean Middleton, Gulf Coast Transit District
- Eileen M. Egan, Near Northwest Management District



April 19, 2022

Craig Raborn  
 Transportation Director  
 Houston-Galveston Area Council  
 3555 Timmons Lane, Suite 120  
 Houston, TX 77027

Re: MPOID 17078, Scope Addition

Dear Mr. Raborn,

Thank you for meeting with us last week. Please accept this request to add scope to the subject project to allow for the expenditure of the remaining obligated grant balance. This addition will provide additional sidewalk connectivity to METRO fixed-route bus service along W. Little York, Antoine Drive, and W. Tidwell Rd.

**CURRENT:**

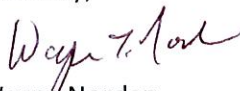
Facility (Limits)	Little York Rd W (Hollister St to Bingle Rd)
Project	Reconstruct back of curb infrastructure (sidewalks, curbs, ADA ramps, pedestrian lighting, landscaping) and multiuse trail connector to White Oak Bayou Trail
Federal	\$2,194,400
Local	\$548,600
Total	\$2,743,000

The table below reflects the remaining grant balance and the proposed modifications to the project limits to allow for the expenditure of federal funding elsewhere in the area, on the same scope. Note that the federal and local amounts have not changed in this listing. However, approximately \$825,000 in federal funding remains unexpended in the original grant and will be allocated to the expanded scope area.

**PROPOSED:**

Facility (Limits)	Little York Rd W (Hollister St to Chateau Forest Dr) W Tidwell Rd (Antoine to TC Jester)
Project	Reconstruct back of curb infrastructure (sidewalks, curbs, ADA ramps, pedestrian lighting, landscaping) and multiuse trail connector to White Oak Bayou Trail
Federal	\$2,194,400
Local	\$548,600
Total	\$2,743,000

Sincerely,

  
 Wayne Norden  
 President

**Mail:** 5740 W. Little York Rd, Box 391 ♦ Houston, Texas 77091  
**Office:** 7603 Antoine Dr., ♦ Houston, Texas 77088  
 713-895-8021 ♦ www.nnmd.org



April 8, 2022

Mr. Craig Raborn  
Transportation & MPO Director  
Houston-Galveston Area Council  
3555 Timmons Lane  
Houston, TX 77027

Joe Meppelink  
METALAB  
Chair

Elliot Barner  
Radcliffe Bobbitt  
Adams Polley, PLLC  
Vice Chair

Taryn Sims  
Wulfe Management Services,  
Inc.  
Secretary

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Stephen J. Quezada  
Ogletree, Deakins, Nash,  
Smoak & Stewart, P.C.  
Treasurer

Ann Bacon  
Capitol Street Gallery

Lani Baker  
Pelec Central City  
Industrial Park, LLC

Anna Deans  
Midway

Devin Licata  
TPC Real Estate

Roy Lira  
MODEC International, Inc.  
Resident

Marjorie Peña  
BakerRipley

Josue Perez  
J&J Flooring and  
Carpet Supplies, Inc.  
Resident

Jose Valdez  
Frost Bank

Veronica C. Gorczyński  
President

3211 Harrisburg Blvd.  
Houston, TX 77003  
713.928.9916

www.eastenddistrict.com

Dear Mr. Raborn:

RE: Cost Escalation for Navigation Boulevard Roundabout – CSJ: 0912-72-386

Since the award of the grant to build the Navigation Boulevard Roundabout originally slated for a FY 2020 funding, project costs have increase substantially largely due to two major factors: 1) Post Hurricane Harvey construction requirements had an impact early on for this project. 2) Inflation has pushed costs up far beyond the 2020 estimated dollars.

Originally this \$3,042,665 project was slated to be funded on an 80/20 basis with \$2,425,600 (80%) in Federal dollars and a local match of \$606,400 (20%) (TXDOT funding is less than .5% of the project total at \$11,665). As denoted on the attached chart based on Gauge Engineering 2019/20 estimate the total project costs went from \$3,043,665 to \$3,651,310 projected project cost. From that estimate, project costs have increased from \$3,651,310 to \$4,491,414 as a result of the combined inflationary impact over the entire period from 2020 to 2022.

The East End District would like to propose that the District increase its match requirement for the project from \$606,600 to \$1,214,045. This would leave a balance of \$3,165,704 (not including the \$11,665 from TXDOT) to fund the current projected costs of \$4,391,414. The local new match proposed by the District would equal 27.65% of the total project costs.

We would like to request that HGAC Federal Grant Funding allocation for the project be increased from \$2,425,600 to the \$3,165,704 or an additional grant amount of \$740,014 or equivalent to 72.09% of the total projected project costs.

Thank you for your consideration and support,

Veronica Chapa Gorczyński  
President

**Cost Escalation for Navigation Boulevard Roundabout - CSJ: 0912-72-386**

Description	Total Estimated Cost		Interim Total Estimated Cost 2019-20		Current Total Estimated Cost 2022	
	Award Amount		Increase due to post Harvey requirements		Increase due to cost escalations - inflationary pressure	
Engineering	\$ 206,190		\$ 262,078		\$ 262,078	
Construction	\$ 2,516,853		\$ 2,967,342		\$ 3,707,447	
<b>Subtotal</b>	<b>\$ 2,723,043</b>		<b>\$ 3,229,420</b>		<b>\$ 3,969,524</b>	
Environmental Costs	\$ 10,000		\$ 15,696		\$ 15,696	
Right-of-Way Costs	\$ 100		\$ 100		\$ 100	
Engineering Costs	\$ 75,000		\$ 96,583		\$ 96,583	
Utility Direct Costs	\$ 5,000		\$ 5,000		\$ 5,000	
Construction Costs	\$ 218,857		\$ 292,847		\$ 292,847	
Indirect Costs	\$ 11,665		\$ 11,665		\$ 11,665	
<b>Subtotal</b>	<b>\$ 320,622</b>		<b>\$ 421,890</b>		<b>\$ 421,890</b>	
<b>TOTAL</b>	<b>\$ 3,043,665</b>		<b>\$ 3,651,310</b>		<b>\$ 4,391,414</b>	

<i>Sources of funds</i>		<i>% project</i>	<i>% project</i>		<i>Increase from Original Budget</i>
<b>Federal Participation</b>	<b>\$ 2,425,600</b>	<b>79.69%</b>	<b>\$ 3,165,704</b>	<b>72.09%</b>	<b>\$ 740,104</b>
State Participation	\$ 11,665	0.38%	\$ 11,665	0.27%	\$ -
<b>Local Match</b>	<b>\$ 606,400</b>	<b>19.92%</b>	<b>\$ 1,214,045</b>	<b>27.65%</b>	<b>\$ 607,645</b>
<b>Total Sources</b>	<b>\$ 3,043,665</b>	<b>100%</b>	<b>\$ 4,391,414</b>	<b>100%</b>	<b>\$ 1,347,749</b>





March 30<sup>th</sup>, 2022

Patrick Ezzell  
East End District  
3211 Harrisburg Blvd.  
Houston, TX 77003

**Re: Cost Escalation for Navigation Boulevard Roundabout - CSJ: 0912-72-386**

Dear Mr. Ezzell,

All public agencies, TIRZs and Management Districts are experiencing an escalation in construction cost. The construction market has been very volatile due to the COVID-19 pandemic and recent inflation. The cost of concrete and steel has significantly increased. In addition, suppliers are only locking their cost for a short period due to the possibility of further increase in materials costs throughout the year. Contractors are also very busy and there is a shortage of skilled labor.

Below is a comparison of the construction cost for Navigation Boulevard since the application was originally approved in 2019:

- Original Construction Cost approved in TIP Application: \$2,516,853
- Revised Cost Estimate (2019) that included drainage items: \$2,958,046.34
- Latest Cost Estimate - 90% Submittal (March 2022): \$3,707,446.60\*

*\* Since TxDOT is bidding the project, the unit costs were based on TxDOT's average unit prices for projects that were let over the last 3 months. 10% Contingency was included.*

When comparing cost estimates, there is an increase across the board. However, the largest increase was in the roadway items, there was a 33% increase in cost between 60% and 90% (\$893,483 to \$1,189,428), this is primarily due to the increase in the cost of concrete and steel. A detailed breakdown of the cost estimate and unit cost can be found under Exhibit "A". Please feel free to contact me at (832) 318-8802 if you have any questions or need additional information.

Regards,

A handwritten signature in blue ink, appearing to be "MA", written over a blue circular scribble.

Sincerely,

Muhammad Ali, P.E.  
Principal

Attachments: Exhibit A – Cost Estimate

**Roundabout Construction at the Intersection of Navigation Blvd at Jensen Dr., Runnels St.**

CSJ: 0912-72-386

Construction Cost Estimate - 90% Submittal

MARCH 2022



NAVIGATION BLVD/JENSEN DR & RUNNELS ST COST ESTIMATE - 90%							
No.	Spec	Description Code	Description	Units	Quantity	Unit Cost	Total
<b>DEMOLITION</b>							
1	0100	6002	PREPARING ROW	STA	18	\$ 3,781.28	\$ 66,929.00
2	0104	6001	REMOVING CONC (PAV)	SY	8,221	\$ 4.84	\$ 39,789.00
3	0104	6011	REMOVING CONC(MEDIANS)	SY	397	\$ 18.05	\$ 7,168.00
4	0104	6017	REMOVING CONC (DRIVEWAYS)	SY	202	\$ 17.27	\$ 3,489.00
5	0104	6029	REMOVING CONC (CURB OR CURB & GUTTER)	LF	3,675	\$ 11.44	\$ 42,042.00
6	0104	6036	REMOVING CONC (SIDEWALK OR RAMP)	SY	942	\$ 12.32	\$ 11,607.00
7	0104	6040	REMOVING CONC (PAVERS)	SY	78	\$ 18.21	\$ 1,421.00
8	0104	6067	REMOVING CONC (SAWCUT)	LF	1,339	\$ 15.00	\$ 20,085.00
9	0496	6002	REMOVE STR (INLET)	EA	6	\$ 652.10	\$ 3,913.00
10	0496	6003	REMOVE STR (MANHOLE)	EA	3	\$ 960.15	\$ 2,881.00
11	0496	6007	REMOVE STR (PIPE)	LF	800	\$ 23.09	\$ 18,472.00
12	7027	6074	ABANDON 24" PIPE IN PLACE(GROUTING)	LF	137	\$ 30.00	\$ 4,110.00
<b>DEMOLITION ITEMS SUBTOTAL</b>							<b>\$ 221,906.00</b>
<b>TRAFFIC CONTROL PLAN</b>							
16	0400	6006	CUT & RESTORING PAV	SY	2,163	\$ 101.62	\$ 219,776.00
17	0500	6001	MOBILIZATION	LS	1	\$ 325,000.00	\$ 325,000.00
18	0502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	9	\$ 8,000.00	\$ 72,000.00
19	0512	6009	PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	400	\$ 32.07	\$ 12,828.00
20	0512	6010	PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	80	\$ 40.78	\$ 3,263.00
21	0512	6033	PORT CTB (MOVE)(LOW PROF)(TY 1)	LF	340	\$ 6.76	\$ 2,299.00
22	0512	6034	PORT CTB (MOVE)(LOW PROF)(TY 2)	LF	60	\$ 12.51	\$ 751.00
23	0512	6057	PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	400	\$ 6.58	\$ 2,632.00
24	0512	6057	PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	80	\$ 6.58	\$ 527.00
25	0512	6080	PORT CTB CONNECT HARDWARE	EA	48	\$ 160.00	\$ 7,680.00
26	0662	6056	WK ZN PAV MRK REMOV (TRAF BTN) TY W	LF	4,734	\$ 2.42	\$ 11,457.00
27	0662	6058	WK ZN PAV MRK REMOV (TRAF BTN) TY Y	LF	8,527	\$ 2.51	\$ 21,403.00
28	0662	6080	WK ZN PAV MRK REMOV (W)(ARROW)	EA	16	\$ 156.31	\$ 2,501.00
29	0662	6081	WK ZN PAV MRK REMOV (W)(DBL ARW)	EA	4	\$ 189.61	\$ 759.00
30	0662	6048	WK ZN PAV MRK REMOV (REFL) TY I-C	EA	592	\$ 3.03	\$ 1,794.00
31	0662	6050	WK ZN PAV MRK REMOV (REFL) TY II-A-A	EA	75	\$ 3.54	\$ 266.00
32	0662	6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	290	\$ 11.07	\$ 3,211.00
33	0662	6088	WK ZN PAV MRK REMOV (W)(TPL ARROW)	EA	4	\$ 300.00	\$ 1,200.00
34	6001	6001	PORTABLE CHANGEABLE MESSAGE SIGN	DAY	1,080	\$ 70.00	\$ 75,600.00
35	6185	6002	TMA (STATIONARY)	DAY	40	\$ 239.47	\$ 9,579.00
36	6185	6003	TMA (MOBILE OPERATION)	HR	40	\$ 74.20	\$ 2,968.00
<b>TRAFFIC CONTROL PLAN ITEMS SUBTOTAL</b>							<b>\$ 777,494.00</b>
<b>TEMPORARY TRAFFIC SIGNAL</b>							
37	0681	6001	TEMP TRAF SIGNALS	EA	1	\$ 57,017.00	\$ 57,017.00
38		**	TEMP VIDEO IMAGING VEHICLE DETECTION SYSTEM	LS	1	\$ 3,000.00	
39		**	TRAY CABLE (4 CONDR) (12 AWG)	LF	1,770	\$ 3.00	
40		**	TRF SIG CBL (TY A)(12 AWG)(7 CONDR)	LF	3,110	\$ 2.20	
41		**	ZINC-COATED STEEL WIRE STRAND (5/16 IN)	LF	1,650	\$ 1.50	
42		**	ZINC-COATED STEEL WIRE STRAND (1/4 IN, Horizontal)	LF	980	\$ 1.50	
43		**	CONDT (PVC) (SCH 80) (3")	LF	160	\$ 24.00	
44		**	ELEC CONDR (NO.8) BARE	LF	160	\$ 1.75	
45		**	GROUND BOX TY D	EA	3	\$ 1,200.00	
46		**	LED RDWY LUMINAIRE AND ARM	EA	6	\$ 1,500.00	
47		**	VEH SIG SEC (12")LED(GRN)	EA	8	\$ 300.00	
48		**	VEH SIG SEC (12")LED(GRN ARW)	EA	2	\$ 300.00	
49		**	VEH SIG SEC (12")LED(YEL)	EA	8	\$ 300.00	

Roundabout Construction at the Intersection of Navigation Blvd at Jensen Dr., Runnels St.

CSJ: 0912-72-386

Construction Cost Estimate - 90% Submittal

MARCH 2022



No.	Spec	Description Code	Description	Units	Quantity	Unit Cost	Total
50		**	VEH SIG SEC (12")LED(YEL ARW)	EA	2	\$ 300.00	
51		**	VEH SIG SEC (12")LED(RED)	EA	8	\$ 300.00	
52		**	VEH SIG SEC (12")LED(RED ARW)	EA	2	\$ 300.00	
53		**	BACK PLATE (12")(3 SEC)(VENTED)ALUM	EA	10	\$ 120.00	
54		**	50' TREATED TIMBER POLES ANSI CLASS 2	EA	5	\$ 1,800.00	
55		**	50' TREATED TIMBER POLES ANSI CLASS H1	EA	1	\$ 2,000.00	
<b>TEMPORARY TRAFFIC SIGNAL ITEMS SUBTOTAL</b>							<b>\$ 57,017.00</b>
<b>ROADWAY</b>							
37	0110	6001	EXCAVATION (ROADWAY)	CY	9,228	\$ 25.00	\$ 230,700.00
38	0132	6005	EMBANKMENT (FINAL)(ORD COMP)(TY C)	CY	261	\$ 6.79	\$ 1,773.00
39	0260	6012	LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TON	206	\$ 188.91	\$ 38,916.00
40	0260	6073	LIME TRT (SUBGRADE)(8")	SY	8,701	\$ 3.62	\$ 31,498.00
41	0260	6079	LIME TRT (SUBGRADE)(6")	SY	2,026	\$ 4.50	\$ 9,117.00
42	3003	6006	FLY-ASH(7%)	TON	44	\$ 40.00	\$ 1,760.00
43	0340	6004	D-GR HMA(SQ) TY-A PG64-22	TON	78	\$ 80.00	\$ 6,240.00
44	0340	6272	TACK COAT	GAL	93	\$ 4.16	\$ 388.00
45	0360	6028	CONC PAV (JOINT REINF) (6")	SY	1,733	\$ 50.00	\$ 86,673.00
46	0360	6086	CONC PAV (JOINT REINF) (11")	SY	7,211	\$ 80.00	\$ 576,880.00
47	0528	6013	COLORED TEXTURED CONC (11") - TRUCK APRON	SY	578	\$ 115.00	\$ 66,522.00
48	0529	6001	CONC CURB (TY I)	LF	401	\$ 11.63	\$ 4,664.00
49	0529	6007	CONCRETE CURB & GUTTER (TY II)	LF	82	\$ 28.65	\$ 2,350.00
50	0529	6011	CONC CURB (DOWEL)	LF	3,652	\$ 9.24	\$ 33,745.00
51	0529	6045	CONC CURB (DOWEL) (9")	LF	28	\$ 10.00	\$ 280.00
52	0530	6025	DRIVEWAYS (CONC) (FAST TRK)	SY	236	\$ 85.69	\$ 20,204.00
53	0531	6004	CURB RAMPS(TY 1)	EA	8	\$ 1,541.87	\$ 12,335.00
54	0531	6010	CURB RAMPS(TY 7)	EA	6	\$ 1,792.57	\$ 10,756.00
55	0531	6016	CURB RAMPS(TY 21)	EA	4	\$ 2,142.61	\$ 8,571.00
56	0531	6048	CONC SIDEWALKS (9")	SY	13	\$ 70.00	\$ 918.00
57	XXXX	XXXX	CONC CURB WALL	LF	598	\$ 75.00	\$ 44,850.00
58	0536	6002	CONC MEDIAN	SY	4	\$ 74.04	\$ 288.00
<b>ROADWAY ITEMS SUBTOTAL</b>							<b>\$ 1,189,428.00</b>
<b>DRAINAGE</b>							
59	0400	6005	CEM STABIL BKFL	CY	1,076	\$ 43.00	\$ 46,268.00
60	0400	6009	CEMENT STAB BACKFILL (INLET OR MH)	CY	301	\$ 42.63	\$ 12,832.00
61	0402	6001	TRENCH EXCAVATION PROTECTION	LF	2,053	\$ 3.07	\$ 6,303.00
62	0462	6006	CONC BOX CULV (5 FT X 2 FT)	LF	440	\$ 286.46	\$ 126,043.00
63	0462	XXXX	CONC BOX CULV (6 FT X 2 FT)	LF	12	\$ 400.00	\$ 4,800.00
64	0464	6005	RC PIPE (CL III)(24 IN)	LF	1,477	\$ 100.00	\$ 147,700.00
65	0464	6032	RC PIPE (ARCH)(CL III)(DES 3)	LF	53	\$ 170.63	\$ 9,044.00
66	0464	6033	RC PIPE (ARCH)(CL III)(DES 4)	LF	71	\$ 176.32	\$ 12,519.00
67	0465	6173	MANH (COMPL)(TY A)	EA	7	\$ 4,500.00	\$ 31,500.00
68	0465	6175	INLET (COMPL)(CURB)(TY C)	EA	17	\$ 5,000.00	\$ 85,000.00
69	0465	6176	INLET (COMPL)(CURB)(TY C1)	EA	1	\$ 5,000.00	\$ 5,000.00
70	0465	6259	INLET (COMPL)(EXT TY C)	EA	3	\$ 1,349.65	\$ 4,049.00
71	0465	6002	MANH (COMPL)(PRM)(48IN)	EA	1	\$ 10,000.00	\$ 10,000.00
72	0465	6170	INLET (COMPL) (AZ)	EA	1	\$ 4,677.73	\$ 4,678.00
73	0465	6177	INLET (COMPL) (AZ2G)	EA	2	\$ 5,096.32	\$ 10,193.00
<b>DRAINAGE ITEMS SUBTOTAL</b>							<b>\$ 515,929.00</b>
<b>WATER LINE</b>							
74	0402	6001	TRENCH EXCAVATION PROTECTION	LF	188	\$ 3.07	\$ 578.00
75	7049	6188	WATER MAIN PIPE (DI)(6IN)(RESTR JT)	LF	9	\$ 175.00	\$ 1,575.00
76	7049	6166	WATER MAIN PIPE (DI)(8IN)(RESTR JT)	LF	118	\$ 200.00	\$ 23,600.00



**Roundabout Construction at the Intersection of Navigation Blvd at Jensen Dr., Runnels St.**

CSJ: 0912-72-386

Construction Cost Estimate - 90% Submittal

MARCH 2022



No.	Spec	Description Code	Description	Units	Quantity	Unit Cost	Total
77	7049	6189	WATER MAIN PIPE (PVC)(12IN)(RESTR JT)	LF	47	\$ 180.00	\$ 8,460.00
78	7049	6056	JK TN BR AG WTR MN(PVC)(8IN)(RESTR JNT)	LF	395	\$ 140.00	\$ 55,300.00
79	7049	6052	FIRE HYDRANT BRANCH (LEAD) (6IN)	LF	14	\$ 90.00	\$ 1,260.00
80	7049	6104	FIRE HYDRANT ASSEMBLY	EA	2	\$ 5,649.84	\$ 11,300.00
81	7049	6119	REMOVING AND SALVAGING FIRE HYDRANT	EA	1	\$ 709.34	\$ 710.00
82	7049	6126	CUT AND PLUG WATER MAIN (6IN)	EA	1	\$ 1,440.97	\$ 1,441.00
83	7049	6127	CUT AND PLUG WATER MAIN (8IN)	EA	2	\$ 1,966.35	\$ 3,933.00
84	7049	6129	CUT AND PLUG WATER MAIN (12IN)	EA	1	\$ 2,042.55	\$ 2,043.00
85	7049	6139	WET CONNECTION (6IN)	EA	1	\$ 1,750.00	\$ 1,750.00
86	7049	6140	WET CONNECTION (8IN)	EA	1	\$ 2,000.00	\$ 2,000.00
87	7049	6140	WET CONNECTION (12IN)	EA	1	\$ 2,250.00	\$ 2,250.00
<b>WATER LINE ITEMS SUBTOTAL</b>							<b>\$ 116,200.00</b>
<b>SANITARY SEWER</b>							
88	7017	6128	REMOVE EXIST SAN SWR PIPE (6IN)	LF	40	\$ 24.72	\$ 989.00
89	7017	6129	REMOVE EXIST SAN SWR PIPE (8IN)	LF	31	\$ 22.00	\$ 682.00
90	7017	6017	SAN SWR (8IN) (PVC) (SDR 26) WITH RESTRAINED JOINTS	LF	51	\$ 310.00	\$ 15,810.00
91	7017	6016	SAN SWR (6IN) (PVC) (SDR 26) WITH RESTRAINED JOINTS	LF	40	\$ 300.00	\$ 12,000.00
<b>SANITARY SEWER ITEMS SUBTOTAL</b>							<b>\$ 29,481.00</b>
<b>PAVEMENT MARKINGS</b>							
92	0666	6003	REFL PAV MRK TY I (W)4"(BRK)(100MIL)	LF	1,378	\$ 1.09	\$ 1,503.00
93	0666	6006	REFL PAV MRK TY I (W)4"(DOT)(100MIL)	LF	162	\$ 1.37	\$ 222.00
94	0666	6012	REFL PAV MRK TY I (W)4"(SLD)(100MIL)	LF	1,968	\$ 1.09	\$ 2,146.00
95	0666	6030	REFL PAV MRK TY I (W)8"(DOT)(100MIL)	LF	234	\$ 0.80	\$ 188.00
96	0666	6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	350	\$ 6.93	\$ 2,426.00
97	0666	6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	17	\$ 135.36	\$ 2,302.00
98	0666	6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	3	\$ 155.08	\$ 466.00
99	0666	6099	REF PAV MRK TY I (W)18"(YLD TRI)(100MIL)	EA	53	\$ 27.66	\$ 1,466.00
100	0666	6126	REFL PAV MRK TY I (Y)4"(SLD)(100MIL)	LF	2,057	\$ 1.09	\$ 2,243.00
101	0666	XXXX	REFL PAV MRK TY I (G) (24") (SLD)(100MIL)	LF	139	\$ 1.50	\$ 209.00
102	0677	6001	ELIM EXT PAV MRK & MRKS (4")	LF	497	\$ 0.28	\$ 140.00
103	0678	6001	PAV SURF PREP FOR MRK (4")	LF	5,565	\$ 0.13	\$ 724.00
104	0678	6004	PAV SURF PREP FOR MRK (8")	LF	234	\$ 0.25	\$ 59.00
105	0678	6008	PAV SURF PREP FOR MRK (24")	LF	489	\$ 1.28	\$ 626.00
106	0678	6009	PAV SURF PREP FOR MRK (ARROW)	EA	7	\$ 15.24	\$ 107.00
107	0678	6010	PAV SURF PREP FOR MRK (DBL ARROW)	EA	8	\$ 48.99	\$ 392.00
108	0678	6011	PAV SURF PREP FOR MRK (TPL ARROW)	EA	4	\$ 20.25	\$ 81.00
109	0678	6016	PAV SURF PREP FOR MRK (WORD)	EA	4	\$ 17.13	\$ 69.00
110	0678	6022	PAV SURF PREP FOR MRK (18")(YLD TRI)	EA	53	\$ 6.75	\$ 358.00
<b>PAVEMENT MARKINGS ITEMS SUBTOTAL</b>							<b>\$ 15,727.00</b>
<b>SMALL SIGNS</b>							
111	0636	6001	ALUMINUM SIGNS (TY A)	SF	331	\$ 37.24	\$ 12,327.00
112	0644	6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	32	\$ 649.71	\$ 20,791.00
113	0644	6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	4	\$ 726.31	\$ 2,906.00
114	0644	6006	IN SM RD SN SUP&AM TY10BWG(1)SA(U)	EA	4	\$ 844.75	\$ 3,379.00
<b>SMALL SIGNS ITEMS SUBTOTAL</b>							<b>\$ 39,403.00</b>
<b>ILLUMINATION</b>							
115	0618	6047	COND(PVC)(SCH 80)(2")(BORE)	LF	818	\$ 20.00	\$ 16,360.00
116	0624	6009	GROUND BOX TY D(162922)	EA	11	\$ 800.00	\$ 8,800.00
117	0628	6002	REMOVE ELECTRICALSERVICES	EA	8	\$ 712.73	\$ 5,702.00
<b>ILLUMINATION ITEMS SUBTOTAL</b>							<b>\$ 30,862.00</b>
<b>LANDSCAPING</b>							
118	0100	6006	TREE REMOVAL (LESS THAN 24")	EA	15	\$ 1,300.00	\$ 19,500.00

Roundabout Construction at the Intersection of Navigation Blvd at Jensen Dr., Runnels St.

CSI: 0912-72-386

Construction Cost Estimate - 90% Submittal

MARCH 2022



No.	Spec	Description Code	Description	Units	Quantity	Unit Cost	Total
119	0161	6009	EROSION CONTROL COMPOST	CY	13.3	\$ 17.00	\$ 227.00
120	0161	6012	GENERAL USE COMPOST	CY	6.7	\$ 18.00	\$ 121.00
121	0162	6002	BLOCK SODDING	SY	4,472	\$ 3.06	\$ 13,685.00
122	0166	6001	FERTILIZER	AC	0.92	\$ 675.00	\$ 621.00
123	0168	6001	VEGETATIVE WATERING	MG	111	\$ 16.00	\$ 1,776.00
124	0170	6002	IRRIGATION	LS	1	\$ 70,000.00	\$ 70,000.00
125	0192	6027	PLANT MATERIAL (100 GAL) (TREE)	EA	19	\$ 1,250.00	\$ 23,750.00
126	0192	6025	PLANT MATERIAL (45 GAL) (TREE)	EA	11	\$ 850.00	\$ 9,350.00
127	0193	6001	BLOCK SODDING MAINTENANCE	MO	3	\$ 3,064.08	\$ 9,193.00
128	0528	6004	LANDSCAPE PAVERS	SY	45	\$ 60.00	\$ 2,700.00
129	1002	6001	LANDSCAPE AMENITY (BRONZE MEDALLION)	EA	9	\$ 2,500.00	\$ 22,500.00
130	1002	6002	LANDSCAPE AMENITY TY I (CAST STONE STREET MARKER)	EA	9	\$ 2,500.00	\$ 22,500.00
131	1004	6001	TREE PROTECTION	EA	39	\$ 339.53	\$ 13,242.00
132	1006	6001	LANDSCAPE SOIL AMENDMENT (TYPE I)	SY	120	\$ 0.16	\$ 20.00
133	1006	6002	LANDSCAPE SOIL AMENDMENT (TYPE II)	SY	120	\$ 0.14	\$ 17.00
134	1006	6003	LANDSCAPE SOIL AMENDMENT (TYPE III)	SY	30	\$ 0.31	\$ 10.00
135	1006	6004	LANDSCAPE SOIL AMENDMENT (TYPE IV)	SY	90	\$ 0.20	\$ 18.00
<b>LANDSCAPING ITEMS SUBTOTAL</b>							<b>\$ 209,230.00</b>
<b>STORM WATER POLLUTION PREVENTION</b>							
136	0506	6020	CONSTRUCTION EXITS (INSTALL)(TY 1)	SY	450	\$ 18.99	\$ 8,546.00
137	0506	6024	CONSTRUCTION EXITS (REMOVE)	SY	450	\$ 6.48	\$ 2,916.00
138	0506	6038	TEMP SEDMT CONT FENCE(INSTALL)	LF	2,282	\$ 2.72	\$ 6,208.00
139	0506	6039	TEMP SEDMT CONT FENCE(REMOVE)	LF	2,282	\$ 0.74	\$ 1,689.00
140	0506	6041	BIODEG EROSN CONTLOGS(INSTL)(12")	LF	282	\$ 4.78	\$ 1,348.00
141	0506	6043	BIODEG EROSN CONTLOGS(REMOVE)	LF	282	\$ 1.14	\$ 322.00
<b>STORM WATER POLLUTION PREVENTION ITEMS SUBTOTAL</b>							<b>\$ 21,029.00</b>
<b>FORCE ACCOUNT</b>							
142			STREET CUT PERMITS	LS	1	\$ 5,000.00	\$ 5,000.00
143			STREETLIGHTS	EA	11	\$ 4,000.00	\$ 44,000.00
144			OFF-DUTY UNIFORMED POLICE OFFICERS - PART TIME	HR	1,120	\$ 50.00	\$ 56,000.00
<b>FORCE ACCOUNT ITEMS SUBTOTAL</b>							<b>\$ 105,000.00</b>
<b>GENERAL</b>							
145	0730	6107	FULL - WIDTH MOWING	CYC	3	\$ 2,000.00	\$ 6,000.00
146	0734	6002	LITTER REMOVAL	CYC	3	\$ 1,700.00	\$ 5,100.00
147	0735	6001	DEBRIS REMOVAL (CNTR MEDIANS/MAINLANES)	CYC	18	\$ 700.00	\$ 12,600.00
148	0738	6001	CLEANING / SWEEPING (CENTER MEDIAN)	CYC	9	\$ 2,000.00	\$ 18,000.00
<b>GENERAL ITEMS SUBTOTAL</b>							<b>\$ 41,700.00</b>
						<b>SUBTOTAL</b>	<b>\$ 3,370,406.00</b>
						<b>CONTINGENCY(10%)</b>	<b>\$ 337,040.60</b>
<b>TOTAL CONSTRUCTION ESTIMATE</b>							<b>\$ 3,707,446.60</b>



# CITY OF BAYTOWN

PUBLIC WORKS & ENGINEERING DEPARTMENT

2123 Market Street  
Baytown, Texas 77520  
(281) 420-5300

May 9, 2022

Mr. Craig Rayborn  
Director of Transportation  
Houston-Galveston Area Council  
PO Box 22777  
Houston, TX 77227

RE: Garth Rd. Widening from I-10 to SH 146; Phase A & B  
CSJ: 0912-72-359  
Request for Additional Funds

Dear Mr. Rayborn,

The City of Baytown would like to clarify the request for additional funding made in the letter dated April 12, 2022, to outline the cost share. The clarification has been included in italicized text below. The City appreciates the opportunity for clarification, and consideration of this request.

Letter of Request sent on April 12, 2022:

The City of Baytown was awarded funding for the Garth Rd. Widening Project, CSJ 0912-72-359 in 2016. In July of 2020, HGAC agreed to an amendment to shift federal funds to Phase A and B for construction. The City and TxDOT are now working through an amendment to the Advanced Funding Agreement.

The City of Baytown has reached the 90% design stage, and continues with utility coordination activities. The City and TxDOT are now reviewing the 90% submittal package. The opinion of probable construction costs showed significant cost escalation based on recent project bid prices, and continued effects of supply chain issues and inflation.

The Houston Metro region has been experiencing construction cost escalations, which are steep and severe, with bid prices escalating 21% between September 2020 and March 2022 and the Consumer Price Index increasing 8% over the last 12 months. The City of Baytown respectfully submits the engineer's opinion of probable construction cost from the 90% submittal package, and requests additional funding in the amount of \$3,500,000 000 (*for a 50/50 percent split of \$1,750,000 each*) for the construction of this project.

If any clarifications are needed, you may reach me at 281-420-7154 or via email at [andrea.brinkley@baytown.org](mailto:andrea.brinkley@baytown.org).

Sincerely,



Andrea Brinkley, PMP  
Assistant Director-Capital Projects

Attachments:

Letter dated April 12, 2022, Requesting Additional Funds  
Garth Rd Widening Project Opinion of Probable Construction Costs

CC: File  
Frank O. Simoneaux Jr., City of Baytown  
Marvaughon Bolin, City of Baytown  
Kent McLemore, TxDOT  
Grant Chim, TxDOT  
Mark Patterson, TxDOT  
Catherine McCreight, TxDOT  
Jeffery English, TxDOT  
Adam Beckom, HGAC  
Jim Dickinson, HGAC  
Connie Curtis, KHA



# CITY OF BAYTOWN

PUBLIC WORKS & ENGINEERING DEPARTMENT

2123 Market Street  
Baytown, Texas 77520  
(281) 420-5300

April 12, 2022

Mr. Craig Rayborn  
Director of Transportation  
Houston-Galveston Area Council  
PO Box 22777  
Houston, TX 77227

RE: Garth Rd. Widening from I-10 to SH 146; Phase A & B  
CSJ: 0912-72-359  
Request for Additional Funds

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The City of Baytown was awarded funding for the Garth Rd. Widening Project, CSJ 0912-72-359 in 2016. In July of 2020, HGAC agreed to an amendment to shift federal funds to Phase A and B for construction. The City and TxDOT are now working through an amendment to the Advanced Funding Agreement.

The City of Baytown has reached the 90% design stage, and continues with utility coordination activities. The City and TxDOT are now reviewing the 90% submittal package. The opinion of probable construction costs showed significant cost escalation based on recent project bid prices, and continued effects of supply chain issues and inflation.

The Houston Metro region has been experiencing construction cost escalations, which are steep and severe, with bid prices escalating 21% between September 2020 and March 2022 and the Consumer Price Index increasing 8% over the last 12 months. The City of Baytown respectfully submits the engineer's opinion of probable construction cost from the 90% submittal package, and requests additional funding in the amount of \$3,500,000 for the construction of this project.

If any clarifications are needed, you may reach me at 281-420-7154 or via email at [andrea.brinkley@baytown.org](mailto:andrea.brinkley@baytown.org).

Sincerely,

Andrea Brinkley, PMP  
Assistant Director-Capital Projects

Attachment: Garth Rd Widening Project Opinion of Probable Construction Costs

CC: File  
Frank O. Simoneaux Jr., City of Baytown  
Marvaughon Bolin, City of Baytown  
Kent McLemore, TxDOT  
Grant Chim, TxDOT  
Mark Patterson, TxDOT  
Catherine McCreight, TxDOT  
Jeffery English, TxDOT  
Adam Beckom, HGAC  
Jim Dickinson, HGAC  
Connie Curtis, KHA  
Vishu Lingala, HGAC

**ENGINEER'S OPINION OF ESTIMATED CONSTRUCTION COSTS - 90% SUBMITTAL  
GARTH RD RECONSTRUCTION - PHASE A AND B  
CSJ: 0912-72-359  
HARRIS COUNTY, TEXAS**

**PREPARED FOR: CITY OF BAYTOWN  
PREPARED BY: KIMLEY-HORN**

**DATE: 2/2/2022**

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>TRAFFIC CONTROL PLAN</b>					
0400 6006	CUT & RESTORE PAV	SY	309.0	\$ 150.00	\$ 46,350.00
0401 6001	FLOWABLE BACKFILL	CY	210.0	\$ 200.00	\$ 42,000.00
0500 6001	MOBILIZATION	LS	1.0	\$ 3,513,184.92	\$ 3,513,184.92
0502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	22.0	\$ 10,000.00	\$ 220,000.00
0508 6001	CONSTRUCTING DETOURS	SY	2128.0	\$ 60.00	\$ 127,680.00
0512 6009	PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	6600.0	\$ 50.00	\$ 330,000.00
0512 6010	PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	1080.0	\$ 60.00	\$ 64,800.00
0512 6033	PORT CTB (MOVE)(LOW PROF)(TY 1)	LF	13640.0	\$ 8.00	\$ 109,120.00
0512 6034	PORT CTB (MOVE)(LOW PROF)(TY 2)	LF	2100.0	\$ 12.00	\$ 25,200.00
0512 6045	PORT CTB (STKPL)(LOW PROF)(TY 1)	LF	40.0	\$ 15.00	\$ 600.00
0512 6046	PORT CTB (STKPL)(LOW PROF)(TY 2)	LF	840.0	\$ 15.00	\$ 12,600.00
0512 6057	PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	6600.0	\$ 15.00	\$ 99,000.00
0512 6058	PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	1080.0	\$ 15.00	\$ 16,200.00
0662 6057	WK ZN PAV MRK REMOV (TRAF BTN) TY W	LF	23307.0	\$ 1.00	\$ 23,307.00
0662 6059	WK ZN PAV MRK REMOV (TRAF BTN) TY Y	LF	41812.0	\$ 1.00	\$ 41,812.00
0662 6060	WK ZN PAV MRK REMOV (W)4"(BRK)	LF	2234.0	\$ 1.50	\$ 3,351.00
0662 6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	27462.0	\$ 1.50	\$ 41,193.00
0662 6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	987.0	\$ 8.00	\$ 7,896.00
0662 6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	32150.0	\$ 1.50	\$ 48,225.00
0677 6001	ELIM EXT PAV MRK & MRKS (4")	LF	14087.0	\$ 1.00	\$ 14,087.00
0677 6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	21.0	\$ 50.00	\$ 1,050.00
0677 6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	10.0	\$ 50.00	\$ 500.00
6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	13.0	\$ 25,000.00	\$ 325,000.00
6185 6002	TMA (STATIONARY)	DAY	1600.0	\$ 250.00	\$ 400,000.00
6185 6003	TMA (MOBILE OPERATION)	HR	250.0	\$ 75.00	\$ 18,750.00
<b>REMOVAL</b>					
0104 6001	REMOVING CONC (PAV)	SY	53137.0	\$ 8.00	\$ 425,096.00
0104 6009	REMOVING CONC (RIPRAP)	SY	187.0	\$ 15.00	\$ 2,805.00
0104 6011	REMOVING CONC (MEDIANS)	SY	539.0	\$ 15.00	\$ 8,085.00
0104 6017	REMOVING CONC (DRIVEWAYS)	SY	6516.0	\$ 15.00	\$ 97,740.00
0104 6021	REMOVING CONC (CURB)	LF	8558.0	\$ 8.00	\$ 68,464.00
0104 6022	REMOVING CONC (CURB AND GUTTER)	LF	241.0	\$ 10.00	\$ 2,410.00
0104 6036	REMOVING CONC (SIDEWALK OR RAMP)	SY	1198.0	\$ 20.00	\$ 23,960.00
0104 6054	REMOVING CONCRETE(MOW STRIP)	LF	288.0	\$ 15.00	\$ 4,320.00
0105 6081	REMOV STAB BASE & ASPH PAV (4"-14")	SY	2461.0	\$ 10.00	\$ 24,610.00
0496 6002	REMOV STR (INLET)	EA	23.0	\$ 800.00	\$ 18,400.00
0496 6003	REMOV STR (MANHOLE)	EA	25.0	\$ 1,000.00	\$ 25,000.00
0496 6004	REMOV STR (SET)	EA	58.0	\$ 500.00	\$ 29,000.00
0496 6005	REMOV STR (WINGWALL)	EA	1.0	\$ 4,000.00	\$ 4,000.00
0496 6007	REMOV STR (PIPE)	LF	6259.0	\$ 20.00	\$ 125,180.00
0496 6008	REMOV STR (BOX CULVERT)	LF	498.0	\$ 70.00	\$ 34,860.00
0542 6001	REMOVE METAL BEAM GUARD FENCE	LF	250.0	\$ 5.00	\$ 1,250.00
0542 6002	REMOVE TERMINAL ANCHOR SECTION	EA	2.0	\$ 250.00	\$ 500.00
0542 6003	REMOVE DOWNSTREAM ANCHOR TERMINAL	EA	2.0	\$ 250.00	\$ 500.00

**ENGINEER'S OPINION OF ESTIMATED CONSTRUCTION COSTS - 90% SUBMITTAL  
 GARTH RD RECONSTRUCTION - PHASE A AND B  
 CSJ: 0912-72-359  
 HARRIS COUNTY, TEXAS**

**PREPARED FOR: CITY OF BAYTOWN  
 PREPARED BY: KIMLEY-HORN**

**DATE: 2/2/2022**

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>ROADWAY</b>					
0100 6002	PREPARING ROW	STA	65.8	\$ 12,000.00	\$ 789,600.00
0110 6001	EXCAVATION (ROADWAY)	CY	38534.0	\$ 15.00	\$ 578,010.00
0132 6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	8832.0	\$ 20.00	\$ 176,640.00
0260 6006	LIME TRT (EXST MATL) (6")	SY	67019.0	\$ 5.00	\$ 335,095.00
0260 6012	LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TON	911.0	\$ 225.00	\$ 204,975.00
0276 6224	CEM TRT(PLNT MX) (CL N)(TY E)(GR 4)(6")	SY	67019.0	\$ 12.00	\$ 804,228.00
0292 6017	ASPHALT STAB BASE (GR 4)(PG 64)	TON	3690.0	\$ 100.00	\$ 369,000.00
0360 6005	CONC PVMT (CONT REINF - CRCP) (11")	SY	59417.0	\$ 110.00	\$ 6,535,870.00
0360 6050	(CONT REINF)(FAST TRK)(11")	SY	2028.0	\$ 130.00	\$ 263,640.00
0420 6012	CL B CONC (MISC)	CY	55.0	\$ 500.00	\$ 27,500.00
0529 6002	CONC CURB (TY II)	LF	11781.0	\$ 15.00	\$ 176,715.00
0529 6005	CONC CURB (MONO) (TY II)	LF	11766.0	\$ 8.00	\$ 94,128.00
0529 6008	CONC CURB & GUTTER (TY II)	LF	163.0	\$ 30.00	\$ 4,890.00
0529 6015	CONC CURB (TY C1)	LF	1483.0	\$ 90.00	\$ 133,470.00
0530 6004	DRIVEWAYS (CONC)	SY	5607.0	\$ 90.00	\$ 504,630.00
0531 6001	CONC SIDEWALKS (4")	SY	1734.0	\$ 65.00	\$ 112,710.00
0531 6003	CONC SIDEWALKS (6")	SY	6766.0	\$ 85.00	\$ 575,110.00
0531 6005	CURB RAMPS (TY 2)	EA	1.0	\$ 2,500.00	\$ 2,500.00
0531 6006	CURB RAMPS (TY 3)	EA	8.0	\$ 2,500.00	\$ 20,000.00
0531 6008	CURB RAMPS (TY 5)	EA	1.0	\$ 2,500.00	\$ 2,500.00
0531 6009	CURB RAMPS (TY 6)	EA	14.0	\$ 2,500.00	\$ 35,000.00
0531 6010	CURB RAMPS (TY 7)	EA	18.0	\$ 2,500.00	\$ 45,000.00
0531 6013	CURB RAMPS (TY 10)	EA	4.0	\$ 2,500.00	\$ 10,000.00
0536 6002	CONC MEDIAN	SY	254.0	\$ 80.00	\$ 20,320.00



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**PREPARED FOR: CITY OF BAYTOWN  
PREPARED BY: KIMLEY-HORN**

**DATE: 2/2/2022**

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>TRAFFIC</b>					
0416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	108.0	\$ 325.00	\$ 35,100.00
0416 6034	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	264.0	\$ 425.00	\$ 112,200.00
0618 6046	CONDT (PVC) (SCH 80) (2")	LF	750.0	\$ 12.00	\$ 9,000.00
0618 6047	CONDT (PVC) (SCH 80) (2") (BORE)	LF	2105.0	\$ 25.00	\$ 52,625.00
0618 6053	CONDT (PVC) (SCH 80) (3")	LF	520.0	\$ 16.00	\$ 8,320.00
0618 6054	CONDT (PVC) (SCH 80) (3") (BORE)	LF	1715.0	\$ 28.00	\$ 48,020.00
0618 6058	CONDT (PVC) (SCH 80) (4")	LF	260.0	\$ 24.00	\$ 6,240.00
0618 6059	CONDT (PVC) (SCH 80) (4") (BORE)	LF	265.0	\$ 32.00	\$ 8,480.00
0620 6009	ELEC CONDR (NO.6) BARE	LF	2915.0	\$ 1.60	\$ 4,664.00
0620 6011	ELEC CONDR (NO.4) BARE	LF	90.0	\$ 2.00	\$ 180.00
0620 6012	ELEC CONDR (NO.4) INSULATED	LF	155.0	\$ 2.80	\$ 434.00
0621 6002	TRAY CABLE (3 CONDR) (12 AWG)	LF	3505.0	\$ 2.40	\$ 8,412.00
0621 6005	TRAY CABLE (4 CONDR) (12 AWG)	LF	3200.0	\$ 2.20	\$ 7,040.00
0624 6010	GROUND BOX TY D (162922)W/APRON	EA	21.0	\$ 1,150.00	\$ 24,150.00
0628 6146	ELC SRV TY D 120/240 060(NS)SS(E)SP(U)	EA	5.0	\$ 5,000.00	\$ 25,000.00
0680 6003	INSTALL HWY TRF SIG (SYSTEM)	EA	5.0	\$ 50,000.00	\$ 250,000.00
0680 6004	REMOVING TRAFFIC SIGNALS	EA	5.0	\$ 4,000.00	\$ 20,000.00
0680 6011	INSTALL HWY TRF SIG (UPGRADE)	EA	1.0	\$ 5,000.00	\$ 5,000.00
0681 6001	TEMP TRAF SIGNALS	EA	5.0	\$ 50,000.00	\$ 250,000.00
0682 6001	VEH SIG SEC (12")LED(GRN)	EA	50.0	\$ 250.00	\$ 12,500.00
0682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	16.0	\$ 250.00	\$ 4,000.00
0682 6003	VEH SIG SEC (12")LED(YEL)	EA	50.0	\$ 250.00	\$ 12,500.00
0682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	32.0	\$ 250.00	\$ 8,000.00
0682 6005	VEH SIG SEC (12")LED(RED)	EA	48.0	\$ 250.00	\$ 12,000.00
0682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	16.0	\$ 250.00	\$ 4,000.00
0682 6018	PED SIG SEC (LED)(COUNTDOWN)	EA	40.0	\$ 600.00	\$ 24,000.00
0682 6035	BACK PLATE (12")(3 SEC)(VENTED)ALUM	EA	50.0	\$ 150.00	\$ 7,500.00
0682 6036	BACK PLATE (12")(4 SEC)(VENTED)ALUM	EA	16.0	\$ 150.00	\$ 2,400.00
0684 6007	TRF SIG CBL (TY A)(12 AWG)(2 CONDR)	LF	4820.0	\$ 1.70	\$ 8,194.00
0684 6009	TRF SIG CBL (TY A)(12 AWG)(4 CONDR)	LF	5075.0	\$ 2.00	\$ 10,150.00
0684 6012	TRF SIG CBL (TY A)(12 AWG)(7 CONDR)	LF	7750.0	\$ 2.70	\$ 20,925.00
0686 6035	INS TRF SIG PL AM(S)1 ARM(32')LUM	EA	4.0	\$ 9,000.00	\$ 36,000.00
0686 6039	INS TRF SIG PL AM(S)1 ARM(36')LUM	EA	2.0	\$ 10,000.00	\$ 20,000.00
0686 6043	INS TRF SIG PL AM(S)1 ARM(40')LUM	EA	2.0	\$ 10,500.00	\$ 21,000.00
0686 6055	INS TRF SIG PL AM(S)1 ARM(50')LUM	EA	2.0	\$ 25,000.00	\$ 50,000.00
0686 6059	INS TRF SIG PL AM(S)1 ARM(55')LUM	EA	1.0	\$ 26,000.00	\$ 26,000.00
0686 6063	INS TRF SIG PL AM(S)1 ARM(60')LUM	EA	8.0	\$ 26,500.00	\$ 212,000.00
0686 6067	INS TRF SIG PL AM(S)1 ARM(65')LUM	EA	1.0	\$ 27,000.00	\$ 27,000.00
0687 6001	PED POLE ASSEMBLY	EA	21.0	\$ 2,100.00	\$ 44,100.00
0688 6001	PED DETECT PUSH BUTTON (APS)	EA	42.0	\$ 800.00	\$ 33,600.00
0688 6003	PED DETECTOR CONTROLLER UNIT	EA	5.0	\$ 3,200.00	\$ 16,000.00
6058 6001	BBU SYSTEM (EXTERNAL BATT CABINET)	EA	5.0	\$ 6,500.00	\$ 32,500.00
6090 6001	ILSN (LED) (6 D)	EA	16.0	\$ 2,900.00	\$ 46,400.00
6090 6002	ILSN (LED) (8 D)	EA	4.0	\$ 3,000.00	\$ 12,000.00
6292 6003	RVDS(PRESENCE AND ADVANCE DET)	EA	10.0	\$ 7,000.00	\$ 70,000.00
SS 8317	WIRELESS ETHERNET BROADBAND RADIO, INTUICOM (OR EQUAL)	EA	5.0	\$ 5,000.00	\$ 25,000.00

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**PREPARED FOR: CITY OF BAYTOWN  
PREPARED BY: KIMLEY-HORN**

**DATE: 2/2/2022**

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>SIGNING AND PAVEMENT MARKINGS</b>					
0560 6025	RELOCATE EXISTING MAILBOX	EA	5.0	\$ 550.00	\$ 2,750.00
0644 6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	17.0	\$ 550.00	\$ 9,350.00
0644 6004	IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	2.0	\$ 700.00	\$ 1,400.00
0644 6068	RELOCATE SM RD SN SUP&AM TY 10BWG	EA	14.0	\$ 300.00	\$ 4,200.00
0644 6076	REMOVE SM RD SN SUP&AM	EA	22.0	\$ 150.00	\$ 3,300.00
0658 6047	INSTL OM ASSM (OM-2Y)(WC)GND	EA	8.0	\$ 70.00	\$ 560.00
0666 6018	REFL PAV MRK TY I (W)6"(DOT)(100MIL)	LF	18.0	\$ 2.00	\$ 36.00
0666 6021	REFL PAV MRK TY I (W)6"(LNDP)(100MIL)	LF	63.0	\$ 2.00	\$ 126.00
0666 6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	5971.0	\$ 3.00	\$ 17,913.00
0666 6042	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	LF	4787.0	\$ 4.00	\$ 19,148.00
0666 6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	969.0	\$ 8.00	\$ 7,752.00
0666 6054	REFL PAV MRK TY I (W)(ARROW)(100MIL)	EA	68.0	\$ 250.00	\$ 17,000.00
0666 6072	REFL PAV MRK TY I(W)(LNDP ARW)(100MIL)	EA	3.0	\$ 350.00	\$ 1,050.00
0666 6078	REFL PAV MRK TY I (W)(WORD)(100MIL)	EA	53.0	\$ 250.00	\$ 13,250.00
0666 6141	REFL PAV MRK TY I (Y)12"(SLD)(100MIL)	LF	581.0	\$ 4.00	\$ 2,324.00
0666 6156	REFL PAV MRK TY I(Y)(MED NOSE)(100MIL)	EA	1.0	\$ 500.00	\$ 500.00
0666 6225	PAVEMENT SEALER 6"	LF	18539.0	\$ 0.25	\$ 4,634.75
0666 6226	PAVEMENT SEALER 8"	LF	5971.0	\$ 0.50	\$ 2,985.50
0666 6228	PAVEMENT SEALER 12"	LF	5368.0	\$ 1.00	\$ 5,368.00
0666 6230	PAVEMENT SEALER 24"	LF	969.0	\$ 2.00	\$ 1,938.00
0666 6231	PAVEMENT SEALER (ARROW)	EA	68.0	\$ 15.00	\$ 1,020.00
0666 6232	PAVEMENT SEALER (WORD)	EA	53.0	\$ 15.00	\$ 795.00
0666 6233	PAVEMENT SEALER (MED NOSE)	EA	1.0	\$ 100.00	\$ 100.00
0666 6237	PAVEMENT SEALER (LNDP ARROW)	EA	3.0	\$ 50.00	\$ 150.00
0666 6306	RE PM W/RET REQ TY I (W)6"(BRK)(100MIL)	LF	6118.0	\$ 2.00	\$ 12,236.00
0666 6309	RE PM W/RET REQ TY I (W)6"(SLD)(100MIL)	LF	3942.0	\$ 2.00	\$ 7,884.00
0666 6321	RE PM W/RET REQ TY I (Y)6"(SLD)(100MIL)	LF	8398.0	\$ 2.00	\$ 16,796.00
0666 6440	REFL PAV MRK TY II (Y)(CURB)	LF	8146.0	\$ 4.00	\$ 32,584.00
0672 6009	REFL PAV MRKR TY II-A-A	EA	434.0	\$ 5.00	\$ 2,170.00
0672 6010	REFL PAV MRKR TY II-C-R	EA	555.0	\$ 5.00	\$ 2,775.00
0678 6002	PAV SURF PREP FOR MRK (6")	LF	18539.0	\$ 0.25	\$ 4,634.75
0678 6004	PAV SURF PREP FOR MRK (8")	LF	5971.0	\$ 0.50	\$ 2,985.50
0678 6006	PAV SURF PREP FOR MRK (12")	LF	5368.0	\$ 0.75	\$ 4,026.00
0678 6008	PAV SURF PREP FOR MRK (24")	LF	969.0	\$ 1.00	\$ 969.00
0678 6009	PAV SURF PREP FOR MRK (ARROW)	EA	71.0	\$ 10.00	\$ 710.00
0678 6016	PAV SURF PREP FOR MRK (WORD)	EA	53.0	\$ 10.00	\$ 530.00

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**PREPARED FOR: CITY OF BAYTOWN  
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**DATE: 2/2/2022**

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>LANDSCAPING</b>					
0528 6001	STAMPED CONCRETE MEDIAN	SY	3089.8	\$ 80.00	\$ 247,185.60
PLANS	STAMPED CONCRETE CROSSWALK	CY	1210.1	\$ 120.00	\$ 145,206.00
PLANS	MOW STRIP	SF	1078.0	\$ 240.00	\$ 258,729.60
PLANS	DECOMPOSED GRANITE	CY	30.2	\$ 100.00	\$ 3,021.00
PLANS	RIVER ROCK	CY	93.3	\$ 300.00	\$ 27,975.00
PLANS	ART STACK	EA	38.0	\$ 2,500.00	\$ 95,000.00
PLANS	ENTRY SIGN	EA	1.0	\$ 25,000.00	\$ 25,000.00
2811	IRRIGATION	LS	1.0	\$ 20,000.00	\$ 20,000.00
2931	LANDSCAPE	LS	1.0	\$ 87,800.00	\$ 87,800.00
329350	LANDSCAPE MAINTENANCE	MO	18.0	\$ 3,500.00	\$ 63,000.00
0618 6016	CONDT (PVC) (SCH 40) (1")	LF	2300.0	\$ 6.00	\$ 13,800.00
0618 6023	CONDT (PVC) (SCH 40) (2")	LF	2300.0	\$ 15.00	\$ 34,500.00
0618 6024	CONDT (PVC) (SCH 40) (2") (BORE)	LF	4700.0	\$ 30.00	\$ 141,000.00
0620 6007	ELEC CONDR (NO.8) BARE	LF	9300.0	\$ 2.00	\$ 18,600.00
0620 6008	ELEC CONDR (NO.8) INSULATED	LF	26600.0	\$ 3.00	\$ 79,800.00
0624 6002	GROUND BOX TY A (122311)W/APRON	EA	15.0	\$ 1,200.00	\$ 18,000.00
0628 6045	ELC SRV TY A 240/480 060(NS)SS(E)SP(O)	EA	1.0	\$ 7,500.00	\$ 7,500.00
PLANS	LIGHT CONTROL SYSTEM	EA	1.0	\$ 5,000.00	\$ 5,000.00
PLANS	TREE UPLIGHT	EA	20.0	\$ 750.00	\$ 15,000.00
PLANS	SIGN UPLIGHT	EA	1.0	\$ 1,000.00	\$ 1,000.00
PLANS	ART STACK LIGHTING	EA	9.0	\$ 2,000.00	\$ 18,000.00

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ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>DRAINAGE</b>					
0402 6001	TRENCH EXCAVATION PROTECTION	LF	12808.0	\$ 2.50	\$ 32,020.00
0432 6014	RIPRAP (STONE TY R)(DRY)(6 IN)	CY	96.0	\$ 150.00	\$ 14,400.00
0450 6103	RAIL (TY PR11)	LF	140.0	\$ 175.00	\$ 24,500.00
0460 6002	CMP (GAL STL 18 IN)	LF	42.0	\$ 100.00	\$ 4,200.00
0460 6004	CMP (GAL STL 30 IN)	LF	55.0	\$ 130.00	\$ 7,150.00
0462 6007	CONC BOX CULV (5 FT X 3 FT)	LF	26.0	\$ 400.00	\$ 10,400.00
0462 6019	CONC BOX CULV (8 FT X 4 FT)	LF	1924.0	\$ 600.00	\$ 1,154,400.00
0462 6029	CONC BOX CULV (10 FT X 5 FT)	LF	4896.0	\$ 850.00	\$ 4,161,600.00
0462 6040	CONC BOX CULV (12 FT X 4 FT)	LF	128.0	\$ 1,000.00	\$ 128,000.00
0462 6096	CONC BOX CULV (8 FT X 3 FT)	LF	1843.0	\$ 500.00	\$ 921,500.00
0462 6099	CONC BOX CULV (6 FT X 2 FT)	LF	16751.0	\$ 450.00	\$ 7,537,950.00
0462 6003	CONC BOX CULV (4 FT X 2 FT)	LF	39.0	\$ 350.00	\$ 13,650.00
0464 6002	RC PIPE (CL III)(15 IN)	LF	5.0	\$ 150.00	\$ 750.00
0464 6016	RC PIPE (CL IV)(12 IN)	LF	13.0	\$ 80.00	\$ 1,040.00
0464 6017	RC PIPE (CL IV)(18 IN)	LF	1749.0	\$ 90.00	\$ 157,410.00
0464 6017	RC PIPE (CL IV)(18 IN) - 10 YEAR	LF	1560.0	\$ 90.00	\$ 140,400.00
0464 6018	RC PIPE (CL IV)(24 IN)	LF	411.0	\$ 125.00	\$ 51,375.00
0464 6019	RC PIPE (CL IV)(30 IN)	LF	62.0	\$ 200.00	\$ 12,400.00
0464 6020	RC PIPE (CL IV)(36 IN)	LF	62.0	\$ 250.00	\$ 15,500.00
0465 6005	JCTBOX(COMPL)(PJB)(3FTX3FT)	EA	1.0	\$ 6,000.00	\$ 6,000.00
0465 6006	JCTBOX(COMPL)(PJB)(4FTX4FT)	EA	3.0	\$ 8,000.00	\$ 24,000.00
0465 6009	JCTBOX(COMPL)(PJB)(5FTX5FT)	EA	2.0	\$ 10,000.00	\$ 20,000.00
0465 6175	INLET (COMPL)(CURB)(TY C)	EA	56.0	\$ 6,500.00	\$ 364,000.00
0465 6175	INLET (COMPL)(CURB)(TY C) - 10 YEAR	EA	50.0	\$ 6,500.00	\$ 325,000.00
0465 6225A	JCT BOX (COMPL)(SPL) (7'X8')	EA	1.0	\$ 25,000.00	\$ 25,000.00
0465 6225B	JCT BOX (COMPL)(SPL) (11'X11')	EA	1.0	\$ 35,000.00	\$ 35,000.00
0465 6225C	JCT BOX (COMPL)(SPL) (16'X4')	EA	2.0	\$ 28,000.00	\$ 56,000.00
0465 6225D	JCT BOX (COMPL)(SPL) (16'X16')	EA	1.0	\$ 60,000.00	\$ 60,000.00
0465 6225E	JCT BOX (COMPL)(SPL) (16'X21')	EA	1.0	\$ 80,000.00	\$ 80,000.00
0465 6225F	JCT BOX (COMPL)(SPL) (16'X24')	EA	2.0	\$ 101,000.00	\$ 202,000.00
0465 6225G	JCT BOX (COMPL)(SPL) (21'X24')	EA	2.0	\$ 120,000.00	\$ 240,000.00
0465 6259	INLET (COMPL)(EXT TY C)	EA	52.0	\$ 2,000.00	\$ 104,000.00
0465 6259	INLET (COMPL)(EXT TY C) - 10 YEAR	EA	46.0	\$ 2,000.00	\$ 92,000.00
0465 6166	INLET(COMPL)(TY AAD)	EA	12.0	\$ 11,000.00	\$ 132,000.00
0465 6166	INLET(COMPL)(TY AAD) - 10 YEAR	EA	9.0	\$ 11,000.00	\$ 99,000.00
0465 6167	INLET(COMPL)(TY AD)	EA	13.0	\$ 6,000.00	\$ 78,000.00
0465 6167	INLET(COMPL)(TY AD) - 10 YEAR	EA	10.0	\$ 6,000.00	\$ 60,000.00
0465 6177	INLET (COMPL)(TY AZ2G)	EA	3.0	\$ 12,000.00	\$ 36,000.00
0465 6584	MANH (COMPL)(TY C)	EA	41.0	\$ 5,000.00	\$ 205,000.00
0466 6152	WINGWALL (FW - 0) (HW=5 FT)	EA	2.0	\$ 40,000.00	\$ 80,000.00
0466 6180	WINGWALL (PW - 1) (HW=5 FT)	EA	3.0	\$ 15,000.00	\$ 45,000.00
0466 6182	WINGWALL (PW - 1) (HW=7 FT)	EA	1.0	\$ 22,500.00	\$ 22,500.00
0467 6363	SET (TY II) (18 IN) (RCP) (6: 1) (P)	EA	3.0	\$ 2,000.00	\$ 6,000.00
0467 6395	SET (TY II) (24 IN) (RCP) (6: 1) (P)	EA	4.0	\$ 2,500.00	\$ 10,000.00
0467 6423	SET (TY II) (30 IN) (RCP) (6: 1) (P)	EA	2.0	\$ 3,000.00	\$ 6,000.00
0467 6202	SET (TY I)(S= 6 FT)(HW= 2 FT)(6:1) (P)	EA	4.0	\$ 8,500.00	\$ 34,000.00
0481 6011	PIPE (PVC) (SCH 40) (4 IN)	LF	8.0	\$ 50.00	\$ 400.00

**ENGINEER'S OPINION OF ESTIMATED CONSTRUCTION COSTS - 90% SUBMITTAL  
GARTH RD RECONSTRUCTION - PHASE A AND B  
CSJ: 0912-72-359  
HARRIS COUNTY, TEXAS**

**PREPARED FOR: CITY OF BAYTOWN  
PREPARED BY: KIMLEY-HORN**

**DATE: 2/2/2022**

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
<b>SW3P</b>					
0161 6009	EROSION CONTROL COMPOST	CY	600.0	\$ 20.00	\$ 12,000.00
0161 6017	COMPOST MANUF TOPSOIL (4")	SY	9762.0	\$ 2.00	\$ 19,524.00
0162 6002	BLOCK SODDING	SY	26073.0	\$ 4.00	\$ 104,292.00
0162 6003	STRAW OR HAY MULCH	SY	15343.0	\$ 1.00	\$ 15,343.00
0164 6009	BROADCAST SEED (TEMP) (WARM)	SY	266.0	\$ 0.50	\$ 133.00
0164 6051	DRILL SEED (TEMP)(WARM OR COOL)	SY	5217.0	\$ 0.50	\$ 2,608.50
0164 6052	BROADCAST SEED (PERM)(SPECIAL MIX)	SY	98.0	\$ 0.50	\$ 49.00
0164 6066	DRILL SEEDING (PERM)(WARM OR COOL)	SY	9762.0	\$ 0.50	\$ 4,881.00
0168 6001	VEGETATIVE WATERING	MG	1331.0	\$ 20.00	\$ 26,620.00
0169 6003	SOIL RETENTION BLANKETS (CL 1) (TY C)	SY	3883.0	\$ 4.00	\$ 15,532.00
0506 6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	546.0	\$ 40.00	\$ 21,840.00
0506 6011	ROCK FILTER DAMS (REMOVE)	LF	546.0	\$ 12.00	\$ 6,552.00
0506 6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	500.0	\$ 30.00	\$ 15,000.00
0506 6024	CONSTRUCTION EXITS (REMOVE)	SY	500.0	\$ 10.00	\$ 5,000.00
0506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	4699.0	\$ 3.00	\$ 14,097.00
0506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	4699.0	\$ 1.00	\$ 4,699.00
0506 6040	BIODEG EROSN CONT LOGS (INSTL) (8")	LF	2160.0	\$ 5.00	\$ 10,800.00
0506 6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	1120.0	\$ 6.00	\$ 6,720.00
0506 6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	3280.0	\$ 1.00	\$ 3,280.00
1004 6001	TREE PROTECTION	EA	96.0	\$ 700.00	\$ 67,200.00

ROADWAY AND DRAINAGE BASE				\$	37,857,000.00
10 YEAR CONVEYANCE - ROADWAY AND DRAINAGE BASE				\$	37,726,100.00
CONTINGENCY 0%				\$	0.00
10 YEAR CONVEYANCE - CONTINGENCY 0%				\$	0.00
<b>ROADWAY AND DRAINAGE SUBTOTAL</b>				<b>\$</b>	<b>37,857,000.00</b>
<b>10 YEAR CONVEYANCE - ROADWAY AND DRAINAGE SUBTOTAL</b>				<b>\$</b>	<b>37,726,100.00</b>

<b>UTILITY RELOCATIONS</b>					
	OH TO UG RELOCATIONS	LS	1.0	\$ 1,400,000	\$ 1,400,000.00
	CONCRETE POLE UPGRADE	EA	115.0	\$ 5,000	\$ 575,000.00
<b>PROPERTY ACQUISITION</b>					
	PROPERTY ROW ACQUISITION	LS	1.0	\$ 750,000	\$ 750,000.00
	PROPERTY EASEMENT ACQUISITION	LS	1.0	\$ 175,000	\$ 175,000.00
	TEMPORARY CONSTRUCTION EASEMENTS (10% OF FEE VALUE PER YEAR)	LS	1.0	\$ 75,000	\$ 75,000.00
UTILITY AND PROPERTY AQUISITION BASE				\$	2,975,000.00
CONTINGENCY 20%				\$	595,000.00
<b>UTILITY AND PROPERTY AQUISITION SUBTOTAL</b>				<b>\$</b>	<b>3,570,000.00</b>

<b>TOTAL</b>	<b>\$</b>	<b>41,427,000.00</b>
<b>10 YEAR CONVEYANCE - TOTAL</b>	<b>\$</b>	<b>41,296,100.00</b>

Total Project cost does not include preliminary engineering or construction engineering and administration.

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.

June 1, 2022

Craig Raborn  
Transportation Director  
Houston-Galveston Area Council  
3555 Timmons Lane, Suite 120  
Houston, TX 77227-2777

**Re: Near Northwest Management District / METRO FY20 5310 Allocation**

Dear Mr. Raborn,

This letter requests a revision to the FY 2021-2024 Transportation Improvement Program (TIP) to reflect an allocation made by the METRO Board of Directors regarding the FY 2020 Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities Formula Grants. The information is presented similar to that submitted for the FY19 funds – this funding is the second allocation of 5310 resources made by METRO for the same project.

Sponsor	Near Northwest Management District
Facility (Limits)	VA
Project	Transit Access Improvements
Federal (Houston METRO FY20 5310)	\$379,519
Local	\$0
Total	\$379,519

Sincerely,

Wayne Norden  
President  
Near Northwest Management District

Attachments:  
Houston METRO Approved FY2020 Section 5310 Formula Funds  
FY19 5310 Funds Amendment Example

cc:  
Albert Lyne, METRO  
Eileen M. Egan, Near Northwest Management District

**Mission Statement**

*"Provide safe, clean, reliable, accessible and friendly public transportation services to our region."*

**Board of Directors**

Sanjay Ramabhadran (Ram)  
*Chair*

Jim Robinson  
*First Vice-Chair*

Don Elder, Jr.  
*Second Vice-Chair*

Troi Taylor  
*Secretary*

Lex Frieden

Bob Fry

Christopher G. Hollins

Terry Morales

**President & Chief Executive Officer**

Thomas C. Lambert



March 24, 2022

Craig Raborn  
Director of Transportation Services  
Houston-Galveston Area Council  
3555 Timmons Lan, Suite 120  
Houston, TX 77227-2777

**RE: TIP Project Revisions – Fiscal Year 2020 5307, 5310, 5337, and 5339 Federal Transit Administration Formula Funds**

Dear Mr. Raborn:

This letter and attached form request the revisions of METRO sponsored projects to the FY 2021-2024 Transportation Improvement Program (TIP) and Metropolitan Transportation Plan.

Please present the attached amendment items for approval by the Transportation Policy Council at your earliest convenience. If you have any questions regarding this request please contact Alan Clark, Chief Strategy Officer, at 713-739-6340.

Sincerely,

Thomas C. Lambert  
President & Chief Executive Officer

- cc: Adam Beckom, H-GAC
- Jim Dickinson, H-GAC
- Alan Clark, METRO
- Arthur C. Smiley III, METRO
- Albert Lyne, METRO
- Clint Harbert, METRO
- Edmund Petry, METRO

**Attachment**

= Required updates

LINE ITEM	Sponsor	MPOID	FY	NEW FY	FUND CATG	NEW FUND CATG	DESCRIPTION	New Description	ORIGINAL FUNDING				NEW FUNDING				PROPOSED ACTION
									FEDERAL	STATE	LOCAL	TOTAL	FEDERAL	STATE	LOCAL	TOTAL	
1	METRO	18001	2022		5307		Bus/Rail Capitalized Maintenance: FY 2020		\$65,429,304	\$0	\$16,357,326	\$81,786,630	\$66,908,756	\$0	\$16,727,189	\$83,635,945	Change funding amounts
2	METRO	18008	2022		5307		METROLift ADA Support: FY 2020		\$8,229,868	\$0	\$2,057,467	\$10,287,335	\$8,492,180	\$0	\$2,123,045	\$10,615,225	Change funding amounts
3	METRO	18153	2022		5337		Rail Capitalized Maintenance: FY 2020		\$6,822,182	\$0	\$1,705,546	\$8,527,728	\$6,380,815	\$0	\$1,595,204	\$7,976,019	Change funding amounts
4	METRO	New Project	New Project	2022		5339		Region Transit Fare Collection System: FY20 5339 Formula					\$5,000,000	\$0	\$1,250,000	\$6,250,000	Add to TIP
5	METRO	New Project	New Project	2022		5339		West Belfort Park & Ride Modifications: FY20 5339 Formula					\$5,027,844	\$0	\$1,256,961	\$6,284,805	Add to TIP
6	Ride with HEART	New Project	New Project	2022		5310		Ride with H.E.A.R.T. Transit Services					\$365,050	\$0	\$0	\$365,050	Add to TIP
7	The Village Learning Center, Inc.	New Project	New Project	2022		5310		The Village Learning Center, Inc. Transit Service					\$165,076	\$0	\$0	\$165,076	Add to TIP
8	Montrose Redevelopment Authority	New Project	New Project	2022		5310		Montrose Redevelopment Authority Transit Access Improvements					\$250,000	\$0	\$0	\$250,000	Add to TIP



## **6. UPDATE ON TRANSPORTATION AIR QUALITY CONFORMITY ANALYSIS**

### **Background**

H-GAC is required to ensure that the Regional Transportation Plan (RTP), Transportation Improvement Program (TIP) and amendments thereto are consistent with the region's air quality goals. This determination is referred to as Air Quality Conformity and involves the modeling of emissions produced by vehicles within the 8-county Houston-Galveston-Brazoria Nonattainment Area.

All regionally significant projects, regardless of funding source, must be considered in this analysis and found to conform to these air quality targets before federal actions related to the projects can be taken. These actions include but are not limited to funding obligations, releases for rights-of-way acquisition or final design, and approvals of environmental documents and permits.

In addition, recipients of federal-aid highway and federal transit funds, including local governments and other public agencies, are required to ensure regionally significant projects which do not use federal funds satisfy conformity requirements (40 CFR § 93.121).

To accommodate changes to project scopes and schedules, new conformity analyses are periodically performed.

### **Current Situation**

The transportation conformity determination for the 2045 Regional Transportation Plan (RTP) and 2019-2021 Transportation Improvement Program (TIP) received federal approval on August 2, 2019. Since that time H-GAC has taken action to amend the 2045 RTP and 2021-2024 (TIP). These significant project changes will require a new demonstration of air quality conformity. TxDOT is requesting the following amendments to the RTP:

- a. Reconstruct and widen San Jacinto river bridge on IH 10 E
- b. Reconstruct Houston Ship Channel Bridge on IH 610 E
- c. Reconstruct IH 610 S between SH 35 (Mykawa Rd/SS 5) and SH 288 and IH 610 direct connectors at SH 35 (Mykawa Rd/SS 5)
- d. Widen Grand Parkway (SH 99) by adding Segments E and F.
- e. Reconstruct and Widen Beltway 8 (BW 8) frontage roads between E of Hardy Toll Rd to E of Aldine Westfield Rd
- f. Convert SH 288 to Freeway between future SH 99 to FM 1452
- g. Advance the IH 45 N interchange change at IH 10 W reconstruction and addition of IH 10 express lanes and IH 45 managed lanes part of the North Houston Highway Improvement Project (NHHIP) Segment 3 project to FY 2022.

In accordance with 23 CFR§450.324 all projects are constrained by the financial resources estimated to be reasonably available within the RTP timeframe. A complete listing of the

projects in the RTP and TIP that affect this conformity analysis will be included in Appendix 3 of the conformity report.

Currently, our region is in non-attainment for two ozone standards:

- 2008 8-hr ozone standard (75 ppb) with classification of “serious”
- 2015 8-hr ozone standard (70 ppb) with classification of “marginal”

This conformity will demonstrate compliance to the latest emission budgets based on the revision to the air quality State Implementation Plan (SIP) for the 2008 8-hr Ozone Standard due to the reclassification from moderate to serious with attainment year 2020. The Reasonable Further Progress (RFP) SIP budget was found adequate by the Environmental Protection Agency (EPA) with an approval and effective date of June 9, 2021.

**Air Quality Analysis Results**

Year	NOx Budget (tons/day)	NOx Emissions (tons/day)	VOC Budget (tons/day)	VOC Emissions (tons/day)	VMT (Daily)
2020	87.69	77.00 ✓	57.70	51.59 ✓	187.7M
2030	87.69	43.71 ✓	57.70	33.41 ✓	228.9M
2040	87.69	38.15 ✓	57.70	25.05 ✓	268.6M
2045	87.69	40.42 ✓	57.70	25.63 ✓	286.7M

**Conformity Timeline**

- November 17, 2021: Pre-Consensus Conference Call/TAC and TPC announcement to continue Conformity
- November/December 2021: Model Network review (H-GAC/TxDOT/METRO)
- November/December 2021: Pre-Analysis Consensus document review
- February 2022: Travel Demand Model Runs
- March 2022: Air Quality Conformity Model Runs
- April 2022: TAC/TPC Conformity Preview for Amendments to the RTP and TIP
- May 2022: Public comment period – May 2<sup>nd</sup>-June 3<sup>rd</sup>, 2022
- May 2022: Public meetings – May 9<sup>th</sup>, 2022
- May/June 2022: No Public Comments Received
- June 2022: TAC Recommend Conformity approval to TPC
- June 2022: TPC Approves Conformity
- End of June 2022: Request Partner Review/Approval -- Approval will usually be 3 months after.

**Action Requested**

Recommend TPC approval.

**7. APPROVAL OF DISADVANTAGE BUSINESS ENTERPRISE (DBE) TRIENNIAL GOAL 2023-2025**

**Background**

The Houston-Galveston Area Council (H-GAC) Transportation Department receives federal financial assistance from the U.S. Department of Transportation (DOT) through the Federal Highway Authority (FHWA), the Federal Transit Authority (FTA), and the Federal Aviation Administration (FAA). Recipients of these federal funds are required to set an overall triennial goal for participation by Disadvantaged Business Enterprises in their DOT-assisted contracts in accordance with 49 CFR Part 26: “Participation by Disadvantaged Business Enterprises (DBE) in Department of Transportation Programs.” The triennial goal is established to ensure that DBE firms have reasonable opportunity to participate in DOT-assisted contracts.

**Current Situation**

The Houston-Galveston Area Council Transportation Department has determined that the current DBE goal of 25% should be adopted for the 2023-2025 fiscal years. This is based on various data collected on DBEs in the H-GAC region. As part of the DBE triennial goal process, the Transportation DBE program will hold a DBE workshop and public meeting for feedback. A 30-day public comment period will begin June 13, 2022 and end July 13, 2022. All comments will be taken into consideration for the final completion of the DBE triennial goal and report. The schedule for the DBE triennial goal process is in the chart below.

<b>TASK</b>	<b>DATE</b>
Develop Triennial Goal	April-May
DBE Workshop and Feedback	June 2
DBE Public Meeting	June 13
30-Day Public Comment Period	June 13-July 13
June TAC and TPC Information Presentations	June 15, 24
Board Presentation and Action	July 19
TAC Presentation and Recommendation	July 13
TPC Action	July 22
Submission	August 1

**Action Requested**

Information and discussion only.

## **8. FUTURE WORK SURVEY**

### **Background**

In 2020 The Houston-Galveston Area Council's Commute Solutions program launched an Employer Survey on Covid-19 Impact to better understand how company operations changed during the pandemic. This year we launched a follow-up survey to learn how organizations plan to work moving forward, [The Future of Work Survey](#).

This survey takes a deep dive into the impacts of Covid-19 on worksites. The data gathered shows how organizations operated before the pandemic, how they are operating now, and what they envision the workplace to look like moving forward. In addition, the survey looks at benefits offered such as commuting subsidies and other transportation related allowances. H-GAC's Commute Solutions team, in partnership with a small consultant team from AECOM, worked to distribute the survey to employers large and small across the eight-county region. The survey was promoted online through the website and social media, shared with management districts and partners through emails and phone calls, and included in multiple external agency newsletters. The survey received close to 200 responses.

### **Current Situation**

The survey will be used for two primary purposes:

- data gathering to help with future transportation planning, and
- engagement to assist employers with their needs regarding alternative commute options, including telework and compressed scheduling.

The survey analysis has been shared with the survey participants and is available for public review online [HERE](#).

For additional information on the Future of Work Survey, please contact Francis Rodriguez, Senior Program Coordinator at [Francis.rodriguez@h-gac.com](mailto:Francis.rodriguez@h-gac.com) or at 713-993-2437.

### **Action Requested**

None. For information and discussion only.

## **9. THE 2023 UNIFIED TRANSPORTATION PROGRAM (UTP)**

### **Background**

The Unified Transportation Program (UTP) is used by the Texas Transportation Commission (TTC) to plan and guide project development over a 10-year period. The UTP is developed annually to comply with the Texas Administrative Code (TAC §16.105) and is approved by the Commission every August. The UTP gives authorization for project construction, development, and planning.

### **Current Situation**

TxDOT Houston District submitted following requests as part of the 2023 UTP development process.

- Addition of bridge improvements project (0978-01-039) on IH 69 at Brazos River.
- Addition of interchange project (0978-01-039) on FM 517 between FM 646 and IH 45.
- \$274 million category 4 cost increases on construction authority projects.
- \$215 million of category 12 cost increases on construction authority projects.
- Decrease of \$12 million of category 2 funding on construction authority projects.

TxDOT Beaumont District

- Additional funding for projects on US 90 in Liberty County.
- Addition of funding for project on SH 146 south of IH 10.

In June 2022, the Texas Department of Transportation (TxDOT) will release the draft 2023 UTP for public review and comment. Staff will review of the draft document to analyze the potential financial impact of any changes in federal allocations. Staff will also review the UTP to ensure consistency with the 2045 Regional Transportation Plan (RTP), 10-Year Plan, and the 2023-2026 Transportation Improvement Program (TIP).

The UTP identifies anticipated funding levels for FY 2023 to FY 2032. Allocations are listed for all 12 TxDOT funding categories. However, staff's analysis will only detail categories where the Transportation Policy Council (TPC) has selection authority. This includes Funding Categories 2 - Metro Corridor, 5 - Congestion Mitigation Air Quality Program, 7 - Surface Transportation Block Grant, and 9 - Transportation Alternatives - Set Aside.

Additional information on the UTP and the funding categories is available at the following website: [Unified Transportation Program - UTP \(txdot.gov\)](https://www.txdot.gov/unified-transportation-program-utp)

### **Action Requested**

For information only.

## **10. PROJECT SELECTION PROCESS UPDATE**

### **Background**

At the March 2020 Transportation Policy Council (TPC) meeting the Council approved goals, priorities, and policies for selection and prioritization of projects to be programmed in Transportation Improvement Program (TIP), 10-Year Plan, and the Regional Transportation Plan (RTP). These goals, priorities and policies guide the H-GAC staff, Transportation Advisory Committee (TAC) and the TIP Subcommittee in development of project selection criteria and evaluation methodologies for project planning and programming.

### **Current Situation**

Staff is conducting a series of workshops with the TIP Subcommittee and TAC members to finalize development of the project selection criteria and scoring. At the June 1<sup>st</sup> TIP Subcommittee meeting/Workshop staff discussed various possibilities to gather a list of improvements/projects that could be evaluated for programming in the TIP, 10-Year Plan and the RTP.

Staff will work with local agencies and stakeholders to assemble lists of top priorities for short (0 to 5 years), medium (6 to 10 years), and long term (greater than 10 years). Local sponsors include governments (City & County), TxDOT, Transit agencies, Ports, and Special districts (Municipal Utility Districts, Management Districts, Redevelopment Authorities, etc.). Potential projects will also be identified from recommendations developed by H-GAC-sponsored subregional and mobility plans.

These lists will be evaluated for consistency with regional vision (2045 RTP) and the TPC project selection guidance. It will be utilized for planning and programming purposes, and it will also be utilized for submitting applications to potential funding opportunities from new programs (some formula, some discretionary grants, and some combination of two) such as the Bridge Investment Program, National EV Charging Program, Carbon Reduction Program and the Promoting Resilient Operations for Transformative, Efficient and Cost saving Transportation (PROTECT) grant program.

### **Action Requested**

Information and discussion only.

**11A. FUTURE AMENDMENTS TO THE 2023-2026 TIP AND 2045 RTP**

**Summary**

- Cancel the previously locally funded Galveston County FM 517 widening project (MPO 39/CSJ N/A) at the request of the Texas Department of Transportation (TxDOT) Houston District in agreement with the County from the 2045 Regional Transportation Plan (RTP) as the project is not planned at this time. (-\$0, Total Cost: \$0)
- Program the City of Webster NASA Road 1 Extension (MPO ID 17081/CSJ 0912-72-359) funded with Surface Transportation Block Grant (STBG) funds in FY 2023. It was inadvertently left out of the 2023-2026 TIP. (+\$8.0M; Total Cost: \$8.0M)
- Change the sponsor of the Galveston Road Sims Bayou pedestrian/bicycle bridge construction project (MPO ID 18030/CSJ 0912-72-386) from the City of Houston to the Harris County Toll Road Authority (HCTRA) per their agreement. (Total Cost: \$4.4M)
- Delay the City of Houston Shepherd-Durham Corridor STBG funded reconstruction project (MPO ID 18417/CSJ 0912-72-616) from FY 2023 to FY 2024 to conform to TxDOT 2-year letting schedule. (Total Cost: \$50.0M)
- Program five revisions to The Woodlands Township FY 2019-2023 FTA Section 5339, Bus and Bus Facilities program apportionments. They include programming new projects in FYs 2022-2023 (MPO IDs 18863 and 18864) and updates to funding amounts for FY 2019-2021 (MPO IDs 18634, 18638 and 18642) (+\$1.0M, Total Cost: \$1.8M).

**Action Requested**

Information and discussion only.

H-GAC 2023-2026 TIP and 2045 RTP

June 2022 Future Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications					
					STIP?	Funding (M)			Scope	Schedule
						Fed/State	Local			
1	39 N/A	GALVESTON COUNTY (GAL)	FM 517 (FM 3436, SH 146) WIDEN FROM 2 TO 4 LANES DIVIDED WITH CURB AND GUTTER	R	No	<input type="checkbox"/>			<input checked="" type="checkbox"/> Cancel.	<input checked="" type="checkbox"/> Cancel from FY 2023.
2	17081 0912-72-541	CITY OF WEBSTER (HAR)	NASA RD 1 BYPASS (FM 528, LANDING BLVD...) CONSTRUCT 4-LANE DIVIDED ROADWAY ON NEW ALIGNMENT WITH PEDESTRIAN/BICYCLE ACCOMODATIONS	R	Yes	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
3	18030 0912-72-583	CITY OF HOUSTON - HOUSTO... (HAR)	GALVESTON RD (SIMS BAYOU N..., SIMS BAYOU S...) CONSTRUCT PED/BIKE BRIDGE WITH RAILINGS AND SIGNAGE.	R	No	<input checked="" type="checkbox"/>	(\$0.1)	+\$0.1	<input type="checkbox"/> Sponsor change.	<input type="checkbox"/>
4	18417 0912-72-616	CITY OF HOUSTON (HAR)	SHEPHERD-DURHAM CORRIDOR (W 15TH ST, IH 10 WB FR) RECONSTRUCT ROADWAY AND VARIOUS CROSS STREETS	R	No	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2024.
5	18634 N/A	THE WOODLANDS TOWNSHIP (MON)	THE WOODLANDS TOWNSHIP (VA, VA) BUS ACQUISITION AND BUS FACILITIES: FY 2019	T	No	<input checked="" type="checkbox"/>	+\$0.1	(\$0.1)	Add 68K TDCs.	<input type="checkbox"/>
6	18638 N/A	THE WOODLANDS TOWNSHIP (MON)	THE WOODLANDS TOWNSHIP (VA, VA) BUS ACQUISITION AND BUS FACILITIES: FY 2020	T	No	<input checked="" type="checkbox"/>	+\$0.1	(\$0.1)	Add 70K TDCs.	<input type="checkbox"/>
7	18642 N/A	THE WOODLANDS TOWNSHIP (MON)	THE WOODLANDS TOWNSHIP (VA, VA) BUS ACQUISITION AND BUS FACILITIES: FY 2021	T	No	<input checked="" type="checkbox"/>	+\$0.1	(\$0.1)	Add 71K TDCs.	<input type="checkbox"/>
8	18863 N/A	THE WOODLANDS TOWNSHIP (MON)	THE WOODLANDS TOWNSHIP (VA, VA) BUS ACQUISITION AND BUS FACILITIES: FY 2022	T	Yes	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
9	18864 N/A	THE WOODLANDS TOWNSHIP (MON)	THE WOODLANDS TOWNSHIP (VA, VA) BUS ACQUISITION AND BUS FACILITIES: FY 2023	T	Yes	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.





8-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE FUTURE AMENDMENTS**

**PROPOSED VERSION**

**MPOID / CSJ**      **17081 / 0912-72-541**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-541	CS	C:E:R	WEBSTER	CITY OF WEBSTER	\$7,962,692

STREET: NASA RD I BYPASS      MPO PROJECT ID: 17081  
 LIMITS FROM: FM 528      VOC: kg/day  
 LIMITS TO: LANDING BLVD/NASA I BYPASS AT IH 45S      NOx: kg/day  
 TIP DESCRIPTION : CONSTRUCT 4-LANE DIVIDED ROADWAY ON NEW ALIGNMENT WITH PEDESTRIAN/BICYCLE ACCOMODATIONS

**Project History :** Amendment # JUL-2022- 2022-07-22 Program in FY 2023. Inadvertently not carried over from 2021 TIP.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$260,149	<b>\$7,962,692</b>	7-STBG	\$5,512,846	\$0	\$2,449,846	\$0	\$7,962,692
Right Of Way:	\$1,327,292							
Construction:	\$5,309,169							
Construction Engineering:	\$265,458							
Contingencies:	\$530,917							
Indirects:	\$269,706							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$7,962,692</b>		<b>Funding by share:</b>	<b>\$5,512,846</b>	<b>\$0</b>	<b>\$2,449,846</b>	<b>\$0</b>	<b>\$7,962,692</b>
			TDC: 0					

**OLD VERSION**

**MPOID / CSJ**      **17081 / 0912-72-541**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-541	CS	C:E:R	WEBSTER	CITY OF WEBSTER	\$7,962,692

STREET: NASA RD I BYPASS      MPO PROJECT ID: 17081  
 LIMITS FROM: FM 528      VOC: kg/day  
 LIMITS TO: LANDING BLVD/NASA I BYPASS AT IH 45S      NOx: kg/day  
 TIP DESCRIPTION : CONSTRUCT 4-LANE DIVIDED ROADWAY ON NEW ALIGNMENT WITH PEDESTRIAN/BICYCLE ACCOMODATIONS

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2020 with Cat-7 funding.\*\*\* Amendment # 16- 2016-10-28 Add CSJ number.\*\*\* Amendment # MAR-2019- 2019-03-22 Add \$1,428,846 of federal funding to cover cost overrun which will be matched by \$1,428,846 of local funding. Delay from FY 2020 to FY 2021. Change CSJ from 0981-01-109 to 0912-72-541.\*\*\* Amendment # JUN-2019- 2019-06-28 Add engineering and ROW as authorized phases per the 1/30/2018 City of Webster request letter.\*\*\* Amendment # SEP-2021- 2021-09-24 Delay from FY 2022 to FY 2023 at the sponsor's request.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$260,149	<b>\$7,962,692</b>	7-STBG	\$5,512,846	\$0	\$2,449,846	\$0	\$7,962,692
Right Of Way:	\$1,327,292							
Construction:	\$5,309,169							
Construction Engineering:	\$265,458							
Contingencies:	\$530,917							
Indirects:	\$269,706							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$7,962,692</b>		<b>Funding by share:</b>	<b>\$5,512,846</b>	<b>\$0</b>	<b>\$2,449,846</b>	<b>\$0</b>	<b>\$7,962,692</b>
			TDC:					





JUNE FUTURE AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18634 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$341,532

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18634  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2019

**Project History :** Amendment # JUL-2022- 2022-07-22 Program updated funding apportionment with 68,306 TDCs in lieu of matching funds.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$341,532	Sec. 5339	\$341,532	\$0	\$0	\$0	\$341,532
Right Of Way:	\$0							
Construction:	\$341,532							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$341,532</b>		<b>Funding by share:</b>	<b>\$341,532</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$341,532</b>
			TDC: 68,306					

**OLD VERSION**

**MPOID / CSJ**      **18634 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$325,000

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18634  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2019

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$325,000	Sec. 5339	\$260,000	\$0	\$65,000	\$0	\$325,000
Right Of Way:	\$0							
Construction:	\$325,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$325,000</b>		<b>Funding by share:</b>	<b>\$260,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$325,000</b>
			TDC: 0					

JUNE FUTURE AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18638 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$352,382

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18638  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2020

**Project History :** Amendment # JUL-2022- 2022-07-22 Program updated funding apportionment with 70,476 TDCs in lieu of matching funds.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$352,382	Sec. 5339	\$352,382	\$0	\$0	\$0	\$352,382
Right Of Way:	\$0							
Construction:	\$352,382							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$352,382</b>		<b>Funding by share:</b>	<b>\$352,382</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$352,382</b>
			TDC: 70,476					

**OLD VERSION**

**MPOID / CSJ**      **18638 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$325,000

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18638  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2020

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$325,000	Sec. 5339	\$260,000	\$0	\$65,000	\$0	\$325,000
Right Of Way:	\$0							
Construction:	\$325,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$325,000</b>		<b>Funding by share:</b>	<b>\$260,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$325,000</b>
			TDC: 0					

JUNE FUTURE AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18642 /**      **STIP Revision Date:**      **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$352,945

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18642  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2021

**Project History :** Amendment # JUL-2022- 2022-07-22 Program updated funding apportionment with 70,589 TDCs in lieu of matching funds.\*\*\*

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$352,945</b>	Sec. 5339	\$352,945	\$0	\$0	\$0	\$352,945
Right Of Way:	\$0							
Construction:	\$352,945							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$352,945</b>		<b>Funding by share:</b>	<b>\$352,945</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$352,945</b>
			<b>TDC: 70,589</b>					

**OLD VERSION**

**MPOID / CSJ**      **18642 /**      **STIP Revision Date:**      **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$325,000

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18642  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2021

**Project History :**

**Remarks:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$325,000</b>	Sec. 5339	\$260,000	\$0	\$65,000	\$0	\$325,000
Right Of Way:	\$0							
Construction:	\$325,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$325,000</b>		<b>Funding by share:</b>	<b>\$260,000</b>	<b>\$0</b>	<b>\$65,000</b>	<b>\$0</b>	<b>\$325,000</b>
			<b>TDC: 0</b>					

JUNE FUTURE AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18863 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	\$339,313

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18863  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2022

**Project History :** Amendment # JUL-2022- 2022-07-22 Program FY 2022 FTA Section 5339 apportionment in FY 2023 with 67,863 TDCs in lieu of matching funds.\*\*

**Remarks:**

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$339,313</b>	Sec. 5339	\$339,313	\$0	\$0	\$0	\$339,313
Right Of Way:	\$0							
Construction:	\$339,313							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$339,313</b>		<b>Funding by share:</b>	<b>\$339,313</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$339,313</b>
			<b>TDC: 67,863</b>					

**OLD VERSION**



8-Jun-22

**2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

**JUNE FUTURE AMENDMENTS**

**PROPOSED VERSION**

**MPOID / CSJ**      **18864 /**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Capital	NONE	THE WOODLANDS TOWNSHIP	<b>\$396,327</b>

STREET: THE WOODLANDS TOWNSHIP      MPO PROJECT ID: 18864  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : BUS ACQUISITION AND BUS FACILITIES: FY 2023

**Project History :** Amendment # JUL-2022- 2022-07-22 Program FY 2023 FTA Section 5339 apportionment in FY 2023 with 22,766 TDCs in lieu of matching funds.\*\*\*

**Remarks:**

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$396,327</b>	Sec. 5339	\$339,827	\$0	\$56,500	\$0	\$396,327
Right Of Way:	\$0							
Construction:	\$396,327							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$396,327</b>		<b>Funding by share:</b>	<b>\$339,827</b>	<b>\$0</b>	<b>\$56,500</b>	<b>\$0</b>	<b>\$396,327</b>
			<b>TDC: 22,766</b>					

**OLD VERSION**



May 26, 2022

Mr. Craig Raborn, Transportation Director  
Houston-Galveston Area Council  
3555 Timmons Lane, Suite 100  
Houston, TX 77027

Sent Via Email: Craig.Raborn@h-gac.com

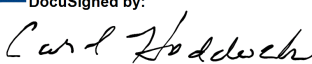
**RE: MPO ID 18030/CSJ 0912-72-583 Ped/Bike Bridge over Sims Bayou @ Galveston Rd  
Request to Change Sponsor**



Director Raborn:

The City of Houston respectfully requests your assistance in changing the local sponsorship of the subject project from the City of Houston to the Harris County Toll Road Authority (HCTRA). The Authority has agreed to continue development of the project and oversee its construction. Upon completion, this project will provide a connection between the high-comfort Sims Bayou and Galveston Rd trails and fill a gap within the proposed Emancipation National Historic Trail.

Should you have any questions about this request, please contact David Wurdlow (832-395-2054 or David.Wurdlow@houstontx.gov) or Jason McLemore (713-587-7401 or Jason.McLemore@hctra.org).

Sincerely,

DocuSigned by:  
  
A93C410B72B3453...  
Carol Ellinger Haddock, P.E.  
Director  
Houston Public Works

CC: James Koch, Texas Department of Transportation  
Veronica Davis, Houston Public Works   
David Wurdlow, Houston Public Works   
Roberto Trevino, Harris County Toll Road Authority  
Jason McLemore, Harris County Toll Road Authority  
Lloyd Smith, Harris County Engineering Department



**Our Mission**

HCTRA operates and maintains a safe, reliable, and evolving mobility system to meet the diverse connectivity needs of all Harris County residents.

**Harris County Commissioners Court**

**Lina Hidalgo**  
County Judge

**Rodney Ellis**  
Commissioner  
Precinct 1

**Adrian Garcia**  
Commissioner  
Precinct 2

**Tom S. Ramsey, P.E.**  
Commissioner  
Precinct 3

**R. Jack Cagle**  
Commissioner  
Precinct 4

**HCTRA Executive Director**

**Roberto Treviño, P.E.**

May 26, 2022

Mr. Craig Raborn, Transportation Director  
Houston-Galveston Area Council  
3555 Timmons Lane, Suite 100  
Houston, TX 77027

Sent Via Email: [Craig.Raborn@h-gac.com](mailto:Craig.Raborn@h-gac.com)

**RE: MPO ID 18030/CSJ 0912-72-583 Ped/Bike Bridge over Sims Bayou @ Galveston Rd Request to Change Sponsor**

Director Raborn:

If Houston-Galveston Area Council approves the City of Houston's request, the Harris County Toll Road Authority accepts the changing of local sponsorship of the subject project from the City of Houston to the Harris County Toll Road Authority. The Authority has agreed to continue development of the project and oversee its construction. Upon completion, this project will provide a connection between the high-comfort Sims Bayou and Galveston Rd trails and fill a gap within the proposed Emancipation National Historic Trail.

Should you have any questions about this request, please contact David Wurdlow (832-395-2054 or [David.Wurdlow@houstontx.gov](mailto:David.Wurdlow@houstontx.gov)) or Jason McLemore (713-587-7401 or [Jason.McLemore@hctra.org](mailto:Jason.McLemore@hctra.org)).

Sincerely,

Roberto Treviño, P.E.  
Executive Director  
Harris County Toll Road Authority

CC: James Koch, Texas Department of Transportation  
Carol Ellinger Haddock, P.E., Houston Public Works  
Veronica Davis, Houston Public Works  
David Wurdlow, Houston Public Works  
Jason McLemore, Harris County Toll Road Authority  
Lloyd Smith, Harris County Engineering Department

**June 3, 2022**

Craig Raborn  
Transportation Director  
Houston-Galveston Area Council  
3555 Timmons Lane, Suite 120  
Houston, TX 77227-2777

**Re: The Woodlands Township – FY19-FY23 5339 Apportionment Programming**

Dear Mr. Raborn,

This letter respectfully requests a revision to the FY 2023-2026 Transportation Improvement Program (TIP) to reflect the updated and future apportionments for our Federal Transit Administration 5339 formula funds. The brief project description for each project is: Bus acquisition and bus facilities.

<b>FY Apportionment</b>	<b>MPOID</b>	<b>5339 Amount</b>	<b>Cash Match</b>	<b>TDCs Requested</b>
FY19	18634	\$341,532	\$0	68,306
FY20	18638	\$352,382	\$0	70,476
FY21	18642	\$352,945	\$0	70,589
FY22	Pending	\$339,313	\$0	67,863
FY23*	Pending	\$339,827	\$56,500	22,766

\*Estimate pending full year apportionment

If you have any questions regarding this request, please contact me at (281) 210-3800 or email me at [RHaut@thewoodlandstowship-tx.gov](mailto:RHaut@thewoodlandstowship-tx.gov).

Respectfully,

Ruthanne Haut  
Deputy Director  
The Woodlands Township

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Ruthanne Haut	281-210-3800	Rhaut@thewoodlandstowship-tx.gov

## Project Information

MPOID	Sponsor Name
18634	The Woodlands Township

### TIP Project Description

The Woodlands Township (Township) requests the use of Transportation Development Credits (TDC) to support the purchase of six (6) modified cut-away transit buses. This purchase will replace our existing fleet which was originally acquired in 2014 using FTA clean fuels funding and transportation development credits (TDCs). These vehicles have exceeded their 7-year useful life. The Township plans to replace the existing vehicles with liquid propane gas (LPG) powered vehicles, similar to the ones currently in service, to retain emissions benefits over traditional gasoline/diesel powered vehicles. Other alternative fuel options have been considered but will be deferred at this time due to cost and maintenance compatibility. The TDCs will be used for the replacement of the Township's existing fleet. This is one request of several to match FY19-FY23 5339 apportionments.

Federal Cost	TDC Request
\$341,532	68,306
Is this project currently in the TIP?	TIP Year
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.

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## 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.

In addition to the Town Center Trolley service, the Township is investing local and federal resources in the provision of commuter bus service, an expanded commuter bus pilot service to the Energy Corridor, and will soon be beginning a transit planning effort to explore additional options for providing enhanced transit service. The use of TDCs for this project preserve local share resources for these other transit activities.

## Date Submitted

06/07/2022

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Ruthanne Haut	281-210-3800	Rhaut@thewoodlandstowship-tx.gov

## Project Information

MPOID	Sponsor Name
18638	The Woodlands Township

### TIP Project Description

The Woodlands Township (Township) requests the use of Transportation Development Credits (TDC) to support the purchase of six (6) modified cut-away transit buses. This purchase will replace our existing fleet which was originally acquired in 2014 using FTA clean fuels funding and transportation development credits (TDCs). These vehicles have exceeded their 7-year useful life. The Township plans to replace the existing vehicles with liquid propane gas (LPG) powered vehicles, similar to the ones currently in service, to retain emissions benefits over traditional gasoline/diesel powered vehicles. Other alternative fuel options have been considered but will be deferred at this time due to cost and maintenance compatibility. The TDCs will be used for the replacement of the Township's existing fleet. This is one request of several to match FY19-FY23 5339 apportionments.

Federal Cost	TDC Request
\$352,382	70,476
Is this project currently in the TIP?	TIP Year
Yes	2020

## Priority Use of TDCs

### TDC Priority

Support of Federal Transit Funding

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## Date Submitted

06/07/2022

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Ruthanne Haut	281-210-3800	Rhaut@thewoodlandstowship-tx.gov

## Project Information

MPOID	Sponsor Name
18642	The Woodlands Township

### TIP Project Description

The Woodlands Township (Township) requests the use of Transportation Development Credits (TDC) to support the purchase of six (6) modified cut-away transit buses. This purchase will replace our existing fleet which was originally acquired in 2014 using FTA clean fuels funding and transportation development credits (TDCs). These vehicles have exceeded their 7-year useful life. The Township plans to replace the existing vehicles with liquid propane gas (LPG) powered vehicles, similar to the ones currently in service, to retain emissions benefits over traditional gasoline/diesel powered vehicles. Other alternative fuel options have been considered but will be deferred at this time due to cost and maintenance compatibility. The TDCs will be used for the replacement of the Township's existing fleet. This is one request of several to match FY19-FY23 5339 apportionments.

Federal Cost	TDC Request
\$352,945	70,589
Is this project currently in the TIP?	TIP Year
Yes	2021

## Priority Use of TDCs

### TDC Priority

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## Date Submitted

06/07/2022

# H-GAC Transportation Development Credits Application

## Contact Information

Name	Phone Number	E-Mail Address
Ruthanne Haut	281-210-3800	Rhaut@thewoodlandstowship-tx.gov

## Project Information

MPOID	Sponsor Name
18863	The Woodlands Township

### TIP Project Description

The Woodlands Township (Township) requests the use of Transportation Development Credits (TDC) to support the purchase of six (6) modified cut-away transit buses. This purchase will replace our existing fleet which was originally acquired in 2014 using FTA clean fuels funding and transportation development credits (TDCs). These vehicles have exceeded their 7-year useful life. The Township plans to replace the existing vehicles with liquid propane gas (LPG) powered vehicles, similar to the ones currently in service, to retain emissions benefits over traditional gasoline/diesel powered vehicles. Other alternative fuel options have been considered but will be deferred at this time due to cost and maintenance compatibility. The TDCs will be used for the replacement of the Township's existing fleet. This is one request of several to match FY19-FY23 5339 apportionments.

Federal Cost	TDC Request
\$339,313	67,863
Is this project currently in the TIP?	Is this project currently in the RTP?
No	No

## Priority Use of TDCs

### TDC Priority

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06/07/2022



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## Contact Information

Name	Phone Number	E-Mail Address
Ruthanne Haut	281-210-3800	Rhaut@thewoodlandstowship-tx.gov

## Project Information

MPOID	Sponsor Name
18864	The Woodlands Township

### TIP Project Description

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Federal Cost	TDC Request
\$113,828	22,766
Is this project currently in the TIP?	Is this project currently in the RTP?
No	No

## Priority Use of TDCs

### TDC Priority

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06/07/2022

**11B. UPDATE ON THE NORTH HOUSTON HIGHWAY IMPROVEMENT PROJECT  
(NHHIP)**

**Background**

The North Houston Highway Improvement Project (NHHIP) was initiated to update the I-45 North Corridor from Beltway 8 North to and around Downtown Houston and enhance safety and travel for residents, businesses, and visitors to the Houston-Galveston region. The Transportation Policy Council has continuously included the NHHIP in the Regional Transportation Plan since 2005 as a project of regional significance and an important element of the region’s transportation future. The Texas Department of Transportation (TxDOT) issued a Record of Decision (ROD) for the NHHIP on February 4, 2021. In early March 2021, the Federal Highway Administration (FHWA) requested that TxDOT “pause” work on the NHHIP while that agency conducts an investigation of Title VI complaints related to the project.

**Current Situation**

Staff will provide an update on the status of the North Houston Highway Improvement Project.

**Action Requested**

None. For information and discussion only.