

## **6. AMENDMENTS TO THE 2021-2024 TIP AND 2045 RTP**

### **Summary**

#### **Amendment Requests from Metropolitan Transit Authority of Harris County (METRO)**

- Reprogram \$9.8M of METRO's FY 2021 and FY 2022 Regional Vanpool federal Congestion Mitigation/Air Quality (CMAQ) funds in six (6) projects with additional CMAQ funding to support the purchase of twenty (20) electric 40' buses, ten (10) 'cutaway' buses and associated charging station equipment in FY 2022 of the Transportation Improvement Program (TIP) (MPO ID 15243) with 5.8M Transportation Development Credits (TDCs) in lieu of matching funds. Seven (7) Surface Transportation Block Grant (STBG) funded vanpool projects will also be cancelled due to reduced demand. (-\$1.6M, Total Cost: \$29.2M)
- Split out the METRO Regional Transit Fare Connectivity Project (MPO ID 18846/0912-00-670) using \$5.0M of CMAQ funding from the FY 2025 \$17.7M Regional Transit Fare Collection System placeholder project (MPO ID 18260/CSJ 0912-00-622) and program it in FY 2022 of the TIP with 1.0M TDCs in lieu of matching funds (Total Cost: \$5.0M).

#### **Funding Changes**

- Increase the federal CMAQ funding of the City of Houston Parks and Recreation Department (HPARD) Halls Bayou Trail construction project (MPO ID 16126/CSJ 0912-72-314) by \$1.6M (52%) with an increased local match of \$2.4M. Hurricane Harvey and other storm events caused bank erosion which indicated the need for design improvements. Since the originally programmed funds were obligated in FY 2019, the Texas Department of Transportation has assigned a new Control-Section-Job (CSJ) number, 0912-72-619, so that the project can be re-let. (+\$1.6M, Total Cost: \$7.3M)
- Convert \$42.0M of federal Category-2 Metropolitan Mobility funds to state funding for the TxDOT Houston District's Fort Bend County FM 723 widening project (MPO ID 981/CSJ 0188-09-040) at TxDOT's request. (Total Cost: \$53.0M)
- Add \$5.0M of local funding from Fort Bend County to the Category-2 Metropolitan Mobility funded TxDOT Houston District FM 723 widening project (MPO ID 18515/CSJ 0188-09-040) per the agreement between TxDOT and the County. (Total Cost: \$62.0M)
- Program an additional \$7.5M of TxDOT Maritime Division (Texas Mobility Fund) state funds on the FY 2023 Galveston County Pelican Island Bridge replacement project (MPO ID 18085/CSJ 0912-73-213) at TxDOT's request. (Total Cost: \$115.8M)
- Extend the eastern limit of the City of League City FM 518 Share-Use Path construction project (MPO ID 17122/CSJ 0976-03-1092) to Williamsport Street, change the scope of work to increase the path width to ten (10) feet, increase the federal CMAQ funding to \$8.2M and convert the matching funds from local to state per the agreement between the TxDOT Houston District and the City. The increase in cost is due to the design change which would replace the storm sewer system with box culverts instead of open ditches. (+\$5.3M, Total Cost: \$10.3M)

**Schedule Changes**

- Advance the TxDOT Houston District's SH 105 widening project (MPO ID 10125/CSJ 0338-04-065) in Montgomery County from FY 2023 to FY 2022 to take advantage of its current state of readiness. (Total Cost: \$75.0M)
- Delay the City of Bellaire Traffic Management System installation project funded with CMAQ (MPO ID 18020/CSJ 0912-72-597) to FY 2023 in anticipation of federal STIP approval. (Total Cost: \$900K)
- Delay the City of Houston Greens Road reconstruction and widening project funded with STBG (MPO ID 5030/CSJ 0912-71-836) to FY 2023 to allow for ROW acquisition. (Total Cost: \$16.0M)
- Delay TxDOT Beaumont District's SH 105 intersection improvements project (MPO ID 18031/CSJ 0593-01-135) funded with CMAQ in Liberty County from FY 2022 to FY 2023 at TxDOT's request. (Total Cost: \$12.2M)
- Delay TxDOT Houston District's IH 69 reconstruction and widening project between IH 45 and SH 288 (MPO ID 7428/CSJ 0027-13-200) funded with Strategic Priority funds in Harris County from FY 2022 to FY 2025 at TxDOT's request. (Total Cost: \$260.7M)
- Delay TxDOT Houston District's IH 69 bridge reconstruction project at McGowen, Tuam and Elgin Streets (MPO ID 16337/CSJ 0027-13-221) funded with Strategic Priority funds in Harris County from FY 2022 to FY 2025 at TxDOT's request. (Total Cost: \$65.5M)
- Delay TxDOT Houston District's FM 1960 Intelligent Transportation System (ITS) equipment installation project (MPO ID 17088/CSJ 1685-01-108) funded with CMAQ in Harris County from FY 2022 to FY 2024 at TxDOT's request. (Total Cost: \$10.9M)

**Cancellation**

- Cancel two (2) Fort Bend County Public Transportation Bus and Bus Support purchase projects (MPO IDs 18331 & 18332) funded with FTA Section 5307 at the sponsor's request. (Total Cost: -\$1.0M)

**Action Requested**

TPC approval of Resolutions 2022-14 and 2022-15.



# Resolution

## NO. 2022-14

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

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

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

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

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

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

**Agenda Item 6**  
**TPC Meeting Packet – 4/22/22**

**PASSED AND APPROVED** this 22nd day of April 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:



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Hon. David Robinson, Chairman  
Transportation Policy Council

ATTEST:



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Hon. Nancy Arnold, Secretary  
Transportation Policy Council



# Resolution

## NO. 2022-15

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

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

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

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

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

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

WHEREAS, the award of credits for these purposes is consistent with the Policy governing the consideration of requests for credits adopted by the Policy Council on 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 22nd day of April 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

Hon. David Robinson, Chairman  
Transportation Policy Council

ATTEST:

Hon. Nancy Arnold, Secretary  
Transportation Policy Council

H-GAC 2021-2024 TIP and 2045 RTP

April 2022 TIP Amendments

| Count | MPOID/CSJ            | Sponsor/County               | Project  | Proj Type | Proposed Modifications |                                     |         |                     |                                     |   |
|-------|----------------------|------------------------------|--|-----------|------------------------|-------------------------------------|---------|---------------------|-------------------------------------|---|
|       |                      |                              |  |           | STIP?                  | Funding (M)                         |         |                     | Scope                               | Schedule  |
|       |                      |                              |  |           |                        | Fed/State                           | Local   |                     |                                     |   |
| 1     | 981<br>0188-09-040   | TXDOT HOUSTON DISTRICT (FOR) | FM 723 (FM 1093, S OF BEADLE ...) WIDEN FROM 2-LANE TO 4-LANES DIVIDED   | R         | No                     | <input checked="" type="checkbox"/> |         | Federal to State.   | <input type="checkbox"/>            | <input type="checkbox"/>                                      |
| 2     | 5030<br>0912-71-836  | CITY OF HOUSTON (HAR)        | GREENS RD (JFK BLVD, IH 69) RECONSTRUCT AND WIDEN FROM 2 LANE TO 4-LANES DIVIDED   | R         | No                     | <input type="checkbox"/>            |         |                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> FY 2022 to FY 2023.       |
| 3     | 7428<br>0027-13-200  | TXDOT HOUSTON DISTRICT (HAR) | IH 69 S (IH 45, SH 288) RECONSTRUCT AND WIDEN FROM 8 TO 12 MAIN LANES AND RECONSTRUCT IH 69/SH 288 INTERCHANGE (NHHIP SEG-3)   | R         | Yes                    | <input type="checkbox"/>            |         |                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> FY 2022 to FY 2025 (10Y). |
| 4     | 10125<br>0338-04-065 | TXDOT HOUSTON DISTRICT (MON) | SH 105 (LP 336, FM 1484) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED  | R         | No                     | <input type="checkbox"/>            |         |                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> FY 2023 to FY 2022.       |
| 5     | 11718<br>0912-00-548 | METRO (MUL)                  | METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL (STBG): FY 2020   | T         | Yes                    | <input checked="" type="checkbox"/> |         |                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Cancel.                   |
| 6     | 11760<br>0912-00-604 | METRO (HAR)                  | METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL (CMAQ): FY 2022   | T         | Yes                    | <input checked="" type="checkbox"/> |         |                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Cancel.                   |
| 7     | 11762<br>0912-00-601 | METRO (HAR)                  | METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL: CMAQ FY 2021: promotional activities to increase awareness and participation in vanpool program  | T         | Yes                    | <input checked="" type="checkbox"/> |         |                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Cancel.                   |
| 8     | 11763<br>0912-00-602 | METRO (HAR)                  | METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL: CMAQ FY 2022: promotional activities to increase awareness and participation in vanpool program  | T         | Yes                    | <input checked="" type="checkbox"/> |         |                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Cancel.                   |
| 9     | 11808<br>0912-00-603 | METRO (HAR)                  | METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL (STBG): FY 2021   | T         | Yes                    | <input checked="" type="checkbox"/> |         |                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Cancel.                   |
| 10    | 11809<br>0912-00-604 | METRO (HAR)                  | METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL (STBG): FY 2022   | T         | Yes                    | <input checked="" type="checkbox"/> |         |                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Cancel.                   |
| 11    | 15243                | METRO (HAR)                  | METRO SERVICE AREA (VA, VA) Replace 20 40' heavy duty diesel buses or diesel/electric hybrids with 20 all electric buses; purchase 10 all electric 'cutaway' buses; purchase necessary recharging stations | T         | Yes                    | <input checked="" type="checkbox"/> | +\$29.2 | (\$60.3) 5.8M TDCs. | <input checked="" type="checkbox"/> | <input type="checkbox"/>                                      |
| 12    | 16126<br>0912-72-619 | HOUSTON PARKS BOARD (HAR)    | HALLS BAYOU TRAIL (JENSEN DR TO..., BRETSHIRE DR...) CONSTRUCT MULTI-USE PATH  | P/B       | Yes                    | <input checked="" type="checkbox"/> | +\$1.6  | +\$1.6              | <input type="checkbox"/>            | <input type="checkbox"/>                                      |
| 13    | 16337<br>0027-13-221 | TXDOT HOUSTON DISTRICT (HAR) | MCGOWEN, TUAM AND ELGIN ST (AT IH 69, NULL) RECONSTRUCT 3 BRIDGES (NHHIP SEG-3)  | R         | Yes                    | <input type="checkbox"/>            |         |                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> FY 2022 to FY 2025 (10Y). |
| 14    | 17088<br>1685-01-108 | TXDOT HOUSTON DISTRICT (HAR) | FM 1960 (SH 249, IH 45 N) INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO ITS EQUIPMENT CURRENTLY EXISTS   | R         | No                     | <input type="checkbox"/>            |         |                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> FY 2022 to FY 2024.       |

4/14/2022

H-GAC 2021-2024 TIP and 2045 RTP

April 2022 TIP Amendments

| Count | MPOID/CSJ            | Sponsor/County                          | Project   | Proj Type | Proposed Modifications |   |                                  |  |  |
|-------|----------------------|---|---|-----------|------------------------|---|----------------------------------|--|--|
|       |                      |   |   |           | STIP?                  | Funding (M)                                 |                                  | Scope  | Schedule   |
|       |                      |   |   |           |                        | Fed/State                                   | Local                            |  |  |
| 15    | 17122<br>0976-03-109 | CITY OF LEAGUE<br>CITY (GAL)            | FM 518 (PALOMINO LN, WILLIAMSPORT...)<br>CONSTRUCT 10 FOOT WIDE SHARED PATH WITH<br>INTERSECTION IMPROVEMENTS AND PEDESTRIAN<br>CROSSINGS   | P/B       | Yes                    | <input checked="" type="checkbox"/> + \$6.3 | <input type="checkbox"/> (\$1.0) | <input checked="" type="checkbox"/> Limit and<br>work. | <input type="checkbox"/>                                   |
| 16    | 17134<br>0912-00-562 | METRO (MUL)                             | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL PROGRAM: STBG FY 2019  | T         | Yes                    | <input checked="" type="checkbox"/>         |                                  | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> Cancel.                |
| 17    | 17140<br>0912-00-569 | METRO (MUL)                             | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL: STBG FY 2020  | T         | Yes                    | <input checked="" type="checkbox"/>         |                                  | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> Cancel.                |
| 18    | 17141<br>0912-00-568 | METRO (MUL)                             | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL: CMAQ FY 2020: promotional<br>activities to increase awareness and participation in<br>vanpool program   | T         | Yes                    | <input checked="" type="checkbox"/>         |                                  | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> Cancel.                |
| 19    | 18020<br>0912-72-597 | CITY OF BELLAIRE<br>(HAR)               | BELLAIRE BLVD; BISSONNET ST; S RICE AVE; NEWCASTLE<br>ST (CHIMNEY ROCK..., FOURNACE PLA...)<br>INSTALLATION FIBER OPTIC CABLE, TWISTED-PAIR<br>COMMUNICATION CABLE, CLOSED-CIRCUIT (CCTV)<br>CAMERAS, DYNAMIC MESSAGE SIGNS AND LOOP<br>DETECTOR SENSORS AT 14 EXISTING TRAFFIC SIGNALS<br>MAINTAINED BY THE CITY OF BELLAIRE | R         | No                     | <input type="checkbox"/>                    |                                  | <input type="checkbox"/>                               | <input checked="" type="checkbox"/> FY 2022 to FY<br>2023. |
| 20    | 18031<br>0593-01-135 | TXDOT BEAUMONT<br>DISTRICT (LIB)        | SH 105 (SH 321 W, SH 321 E)<br>INCREASE PAVEMENT WIDTH AND ADD LEFT TURN BAYS<br>AND SHOULDERS  | R         | No                     | <input type="checkbox"/>                    |                                  | <input type="checkbox"/>                               | <input checked="" type="checkbox"/> FY 2022 to FY<br>2023. |
| 21    | 18085<br>0912-73-213 | GALVESTON<br>COUNTY (GAL)               | PELICAN ISLAND BRIDGE (SH 275, SEAWOLF PKWY)<br>CONSTRUCT BRIDGE AT NEW LOCATION  | R         | No                     | <input checked="" type="checkbox"/> + \$7.5 |                                  | <input type="checkbox"/>                               | <input type="checkbox"/>                                   |
| 22    | 18260<br>0912-00-622 | H-GAC (MUL)                             | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL TRANSIT FARE COLLECTION SYSTEM (FY 2023-<br>2026)  | T         | No                     | <input checked="" type="checkbox"/> (\$5.0) |                                  | <input type="checkbox"/>                               | <input type="checkbox"/>                                   |
| 23    | 18331                | FORT BEND<br>COUNTY PUBLIC ...<br>(FOR) | FORT BEND COUNTY (VA, VA)<br>PURCHASE OF ROLLING STOCK: FY 2020   | T         | Yes                    | <input checked="" type="checkbox"/>         |                                  | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> Cancel.                |
| 24    | 18332                | FORT BEND<br>COUNTY PUBLIC ...<br>(FOR) | FORT BEND COUNTY (VA, VA)<br>BUS SUPPORT EQUIPMENT AND FACILITIES,<br>CONSTRUCTION FOR WESTPARK PARK&RIDE: FY 2020  | T         | Yes                    | <input checked="" type="checkbox"/>         |                                  | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> Cancel.                |
| 25    | 18361<br>0912-00-629 | METRO (MUL)                             | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL PROGRAM: CMAQ FY 2021:<br>promotional activities to increase awareness and<br>participation in vanpool program   | T         | Yes                    | <input checked="" type="checkbox"/>         |                                  | <input checked="" type="checkbox"/>                    | <input checked="" type="checkbox"/> Cancel.                |

H-GAC 2021-2024 TIP and 2045 RTP

April 2022 TIP Amendments

| Count | MPOID/CSJ            | Sponsor/County                  | Project   | Proj Type | Proposed Modifications |                                     |        |          |                                     |                          |                                     |                 |
|-------|----------------------|---------------------------------|---|-----------|------------------------|-------------------------------------|--------|----------|-------------------------------------|--------------------------|-------------------------------------|-----------------|
|       |                      |                                 |   |           | STIP?                  | Funding (M)                         |        | Scope    | Schedule                            |                          |                                     |                 |
|       |                      |                                 |   |           |                        | Fed/State                           | Local  |          |                                     |                          |                                     |                 |
| 26    | 18362<br>0912-00-630 | METRO (MUL)                     | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL PROGRAM: CMAQ FY 2022:<br>promotional activities to increase awareness and<br>participation in vanpool program   | T         | Yes                    | <input checked="" type="checkbox"/> |        |          | <input checked="" type="checkbox"/> | Cancel.                  |                                     |                 |
| 27    | 18365<br>0912-00-638 | METRO (MUL)                     | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL: STBG FY 2021  | T         | Yes                    | <input checked="" type="checkbox"/> |        |          | <input checked="" type="checkbox"/> | Cancel.                  |                                     |                 |
| 28    | 18366<br>0912-00-639 | METRO (MUL)                     | HOUSTON-GALVESTON TMA (VA, VA)<br>REGIONAL VANPOOL: STBG FY 2022  | T         | Yes                    | <input checked="" type="checkbox"/> |        |          | <input checked="" type="checkbox"/> | Cancel.                  |                                     |                 |
| 29    | 18515<br>0188-09-051 | TXDOT HOUSTON<br>DISTRICT (FOR) | FM 723 (BEADLE LN, N OF BRAZOS ...)<br>WIDEN FROM 2 TO 4-LANES DIVIDED ROADWAY  | R         | No                     | <input checked="" type="checkbox"/> |        | +\$5.0   | <input type="checkbox"/>            | <input type="checkbox"/> |                                     |                 |
| 30    | 18846<br>0912-00-670 | METRO (MUL)                     | HOUSTON-GALVESTON TMA (VA, VA)<br>CONTINUED IMPLEMENTATION OF A REGIONAL<br>SEAMLESS FARE SYSTEM AND SUPPORTING PROJECT<br>ELEMENTS INCLUDING DATA MANAGEMENT, A MOBILE<br>TICKETING APP AND RELATED EQUIPMENT, AND<br>DEVELOPMENT OF A FARE POLICY | T         | Yes                    | <input checked="" type="checkbox"/> | +\$5.0 | 1M TDCs. | <input checked="" type="checkbox"/> | Add to TIP.              | <input checked="" type="checkbox"/> | Add to FY 2022. |





**APTA  
AWARD WINNER**

**Mission  
Statement**

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

**Board of  
Directors**

Carrin F. Patman  
*Chair*

Jim Robinson  
*First Vice-Chair*

Don Elder, Jr.  
*Second Vice-Chair*

Troi Taylor  
*Secretary*

Lex Frieden

Bob Fry

Christopher G. Hollins

Terry Morales

Sanjay Ramabhadran  
(Ram)

**President &  
Chief  
Executive  
Officer**

Thomas C. Lambert



February 23, 2022

Mr. Craig Raborn,  
Transportation/MPO Director  
Houston-Galveston Area Council  
P.O. Box 22777  
Houston, Texas 77227-2777

RE: Revised Request for Re-programming of FY 21-22 Regional Vanpool Funding in Support of 30 Electric Transit Vehicles and Recharging Equipment

Dear Mr. Raborn:

Public and private support for vanpooling is an important strategy for expanding access to major workplaces across the eight-county region. The vanpool program is an important tool reducing roadway congestion and vehicle emissions. However, vanpool activity in the region has been in decline in recent years. Further, the onset of the Covid pandemic dramatically reduced vanpool participation. As a result, federal funding committed to this activity in the 2021-24 Transportation Improvement Program (TIP) is significantly above the near-term needs of the vanpool program.

METRO proposes to repurpose vanpool funding commitments for Fiscal Years 2021 and 2022 in the current TIP to reduce the likelihood of losing additional federal funds due to State or Federal actions such as the periodic recission of unobligated federal monies.

The proposed action, if approved, will support the regional goal of reduced on-road vehicle emissions through the purchase of 20 full sized, 40 ft. electric buses and ten smaller multipurpose electric buses (commonly called "cutaways") used in METRO's Community Connector and METROLift programs. The acquisition of these electric vehicles is substantially complete and will allow METRO to seek obligation of the at-risk federal funds this fiscal year.

METRO requests TPC approval to cancel and re-program approximately \$30 million in federal funds for the Vanpool projects listed in Attachment A. These funds, with a TDC commitment of 5,838,600 credits, will allow the purchases of the buses and ancillary re-charging equipment as shown in Attachment B.



In addition to reducing emissions of carbon dioxide and other hydrocarbons, the 20 full sized and 10 smaller sized buses will eliminate in excess of 9.7 tons of Nitrogen Oxides over the expected life of the vehicles as shown in Attachment C.

To ensure these at-risk funds become available for federal obligation this year, METRO requests consideration by the Transportation Advisory Committee and Transportation Policy Council at your earliest convenience. METRO would be pleased to allow the replacement of federal Surface Transportation Block Group Funds with Congestion Mitigation/Air Quality funds if that would further reduce the risk of future loss of federal funding to the region.

Thank you for your assistance. Please contact me or Alan Clark, Chief Strategy Officer, should you have further questions or need additional information.

Sincerely,



Mr. Clint Harbert, AICP  
Vice President  
Systems and Capital Planning

Cc:

Mr. Thomas Lambert, METRO  
Mr. Thomas Jasien, METRO  
Mr. Alberto Lyne, METRO  
Mr. Alan Clark, METRO  
Mr. Andrew Skabowski, METRO  
Mr. Edward Petry, METRO  
Mr. Patrick Mandapaka, H-GAC  
Mr. Adam Beckom, H-GAC  
Ms. Catherine McCreight, TxDOT  
Ms. Ana Ramirez, TxDOT

**ATTACHMENT A. FY '21 AND '21 VANPOOL PROJECTS TO BE CANCELED**

| Unobligated Vanpool Funding FY 21-22 |               |             |          |                      |
|--------------------------------------|---------------|-------------|----------|----------------------|
| December 13, 2021                    |               |             |          |                      |
| MPOID                                | CSJ NUMBER    | FISCAL YEAR | FUND CAT | FEDERAL              |
| 11718                                | 0912-00-548   | 2021        | 7        | \$ 3,000,000         |
| 17134                                | 0912-00-562   | 2021        | 7        | \$ 3,000,000         |
| 17140                                | 0912-00-569   | 2021        | 7        | \$ 3,000,000         |
| 11760                                | 0912-00-600   | 2021        | 5        | \$ 2,400,000         |
| 11762                                | 0912-00-601   | 2021        | 5        | \$ 2,400,000         |
| 11808                                | 0912-00-603   | 2021        | 7        | \$ 3,000,000         |
| 18361                                | 0912-00-629   | 2021        | 5        | \$ 1,250,000         |
| 18365                                | 0912-00-638   | 2021        | 7        | \$ 3,750,000         |
| 17141                                | 0912-00-568   | 2022        | 5        | \$ 1,250,000         |
| 11763                                | 0912-00-602   | 2022        | 5        | \$ 1,200,000         |
| 11809                                | 0912-00-604   | 2022        | 7        | \$ 1,500,000         |
| 18362                                | 0912-00-630   | 2022        | 5        | \$ 1,250,000         |
| 18366                                | 0912-00-639   | 2022        | 7        | \$ 3,750,000         |
|                                      | <b>Totals</b> |             |          | <b>\$ 30,750,000</b> |

**ATTACHMENT B. REQUESTED AMENDMENT OF MPO ID 15243  
REPLACEMENT BUSES**

Original TIP Project

| General Project Information |                                       | Funding Information (YOE)     |               |
|-----------------------------|---------------------------------------|-------------------------------|---------------|
| Project Sponsor             | METRO                                 | Federal funding cat.          |               |
| MPO Project ID              | 15243<br>Location: METRO Service Area | Local                         | \$ 60,335,736 |
| Fiscal Year                 | 2022                                  |                               |               |
| Project Phase               |                                       | Total Project Cost            | \$ 60,335,736 |
| Brief Project Description   | Replacement Buses (FY 2022).          | Trans. Dev. Credits Requested | none          |

Revised TIP Project

| General Project Information |   | Funding Information (YOE)     |                               |
|-----------------------------|---|-------------------------------|-------------------------------|
| Project Sponsor             | METRO   | Federal funding cat.          |                               |
| MPO Project ID              | 15243<br>Location: METRO Service Area   | Cat 5<br>Cat 7                | \$ 8,193,000<br>\$ 21,000,000 |
| Fiscal Year                 | 2022  |                               |                               |
| Project Phase               | N/A   | Total Project Cost            | \$ 29,193,000                 |
| Brief Project Description   | Replace 20 40' Heavy Duty Diesel Buses or Diesel/Electric Hybrids with 20 all Electric Buses; Purchase 10 all Electric "Cutaway" Buses; purchase necessary recharging stations. | Trans. Dev. Credits Requested | 5,838,600                     |

Note: application for TDC request filed electronically

## Attachment C. Documentation of Project Emissions Reductions (Nitrogen Oxides)

### Emissions Data Source for Heavy Duty Diesel Buses Replaced

Texas Commission on Environmental Quality (TCEQ) Texas Emissions Reduction Plan (TERP). Emission Reduction Incentive Grants Program Technical Supplement No. 1 On-Road Heavy Duty Vehicles, Revised – May 15, 2018

|   |       |             |
|---|-------|-------------|
| Baseline NOx Emission Rate (2010+):                 | 0.2   | (g/bhp-hr)  |
| Appendix A  |       |             |
| TxLED Correction Factor:                            | 0.943 | All         |
| HDD   |       |             |
| Vehicle Class Heavy Duty Diesel Bus Transit (HDDBT) |       |             |
| Conversion Factor:                                  | 4.03  | (bhp-hr/mi) |
| Appendix B  |       |             |

### Calculations

|   |                      |
|---|----------------------|
| Grams per mile per bus: $0.2 \times 0.943 \times 4.03 =$                        | 0.760058             |
| g/mi  |                      |
| Average Miles per Year per Bus: 40,000 miles                                    |                      |
| Grams per Bus per Year: $40,000 \text{ mi/yr} \times 0.760058 \text{ g/mi} =$   | 30,402 g/yr          |
| Grams per Pound: 453.59 g/lbs   |                      |
| Pounds per Year: $30,402 \text{ g/yr} / 453.59 \text{ g/lbs} =$                 | 67.036 lbs/yr        |
| per bus   |                      |
| Total Annual Reduction: $67.036 \text{ lbs/yr/bus} \times 20 \text{ Buses} =$   | <b>1,341</b>         |
| <b>lbs/year</b>   |                      |
| Total Lifetime NOx Reductions: $1,341 \text{ lbs/yr} \times 12 \text{ Years} =$ | <b>16,089 lbs or</b> |
| <b>8.04 tons</b>  |                      |

### Emissions Data for Heavy Duty Gasoline Vehicles Replaced

Source: US Bureau of Transportation Statistics. Estimated U.S. Average Vehicle Emissions Rates per Vehicle by Vehicle Type Using Gasoline and Diesel, Table 4-43

|  |            |
|--|------------|
| NOx Emissions Rate (2021) HDD Gasoline Engine: | 0.772 g/mi |
|--|------------|

### Calculations

|  |              |
|--|--------------|
| Grams Reduced per mile per bus:  | 0.772 g/mi   |
| Average Miles per Year per Bus:  | 50,000 miles |
| Grams per Bus per Year: $50,000 \text{ mi/yr} \times 0.772 \text{ g/mi} =$ | 38,600 g/yr  |

## Attachment C. Continued

|  |                      |
|--|----------------------|
| Grams per Pound:   | 453.59 g/lbs         |
| Pounds per Year: $38,600 \text{ g/yr} / 453.59 \text{ g/lbs} =$              | 85.10 lbs/yr         |
| per bus  |                      |
| Total Annual Reduction: $85.1 \text{ lbs/yr/bus} \times 10 \text{ Buses} =$  | <b>851 lbs/yr or</b> |
| <b>0.43 tons/yr</b>  |                      |
| Total Lifetime NOx Reductions: $851 \text{ lbs/yr} \times 4 \text{ Years} =$ | <b>3,404 lbs or</b>  |
| <b>1.7 tons</b>  |                      |

### Grand Total Emissions Reductions

|  |                      |
|--|----------------------|
| Annual NOx Reductions: $1,341 \text{ lbs/yr} + 851 \text{ lbs/yr} =$ | <b>2,192 lbs/yr</b>  |
| <b>(1.1 tons/yr)</b>   |                      |
| Lifetime NOx Reductions: $16,089 + 3,404 \text{ lbs} =$              | <b>19,493 lbs or</b> |
| <b>9.74 tons</b>   |                      |



U.S. Department  
of Transportation  
**Federal Transit  
Administration**

Federal Transit Administration  
Region VI

Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

819 Taylor St. Suite 14A02  
Fort Worth, TX 76102  
(817) 978-0550  
(817) 978-0575 (fax)

January 31, 2022

Clint Harbert, AICP  
Vice President - System and Capital Planning  
Metropolitan Transit Authority of Harris County  
1900 Main Street, Houston, Texas 77002

Re: Approval of Authority to Incur Costs Prior to Grant Approval – Houston METRO: Purchase of twenty (20) battery electric buses, ten (10) battery electric cutaway buses and related charging equipment.

Dear Mr. Harbert:

The Federal Transit Administration (FTA) has completed its review of the January 26, 2022 letter and supporting documentation from Houston METRO requesting a Letter of No Prejudice (LONP) to allow it to incur costs for the purchase of twenty (20) battery electric heavy-duty buses, ten (10) battery electric cutaway buses, and related charging equipment in Houston, Texas. The LONP request is for an amount not to exceed \$29,193,000. This project is currently listed in the Houston-Galveston Area Council Transportation Improvement Program and the State Transportation Improvement Program. Based on the supporting documentation provided by Houston METRO, FTA has determined that this project qualifies for a Categorical Exclusion under NEPA per 23 CFR 771.118(c).

FTA approves Houston Metro's request. This approval allows Houston METRO to incur costs for the project described above and retains the project's eligibility for future FTA grant assistance. As with any pre-award authority, all Federal requirements must be met prior to incurring costs in order to retain eligibility of the costs for future FTA grant assistance. The authority to incur costs provided in this letter does not constitute a FTA commitment that future Federal dollars will be approved for this project. This LONP expires five years from the date of this approval. Any request to extend this LONP must be received by FTA in advance of its expiration.

Please contact Ronisha Hodge, FTA Region 6 Community Planner at 817-978-0576 or [Ronisha.Hodge@dot.gov](mailto:Ronisha.Hodge@dot.gov), with any questions you may have about proceeding under the authority to incur costs provided in this letter.

Sincerely,

GAIL C  
LYSSY

Gail Lyssy  
Regional Administrator

Digitally signed by GAIL C  
LYSSY  
Date: 2022.01.31  
17:02:12 -06'00'



# CITY OF HOUSTON

Parks and Recreation Department  
A CAPRA Accredited Agency

**Sylvester Turner**

Mayor

Kenneth Allen  
Director  
Parks and Recreation Department  
2999 S. Wayside Dr.  
Houston, TX 77023

T. 832.395.7000  
F. 832.395.9452  
[www.houstonparks.org](http://www.houstonparks.org)

January 31 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)

*Subject: Request for Additional Federal Funds and TIP/STIP Update - Halls Bayou Trail  
MPO ID 16126*

Dear Director Raborn:

The City of Houston Parks and Recreation Department (HPARD) respectfully requests an increase in the Federal fund allocation for the subject project and an update to the STIP with the new CSJ number. The amount requested in additional funds is \$1,648,084. The new CSJ number is 0912-72-619.

The project represents a significant effort to provide safe, alternative transportation with pedestrian / bike routes in underserved communities along Halls Bayou. It is currently subject to the attached Congestion Mitigation and Air Quality Program Project Agreement between the City of Houston through HPARD and the State of Texas, through the Texas Department of Transportation (the AFA) dated September 15, 2015.

The total estimated project cost in the AFA was \$5,049,830 with the Federal participation at \$3,182,584 and Local participation at \$1,817,246. Based upon completed design cost estimates in July 2018 the total estimated cost of the project increased to \$6,892,101. However, prior to the start of construction, channel bank slope failures resulting from Hurricane Harvey and other more recent weather events prompted reconsideration of the project's design to better support the trail.

HPARD and project funding partner, Houston Parks Board, will cooperate with TxDOT to mitigate the cost overruns by working with the design engineer to identify cost savings. However, it is critical to strengthen the slopes of the bayou to withstand future flood events and protect the capital investments in the multi-use path. The engineer's estimate for the most

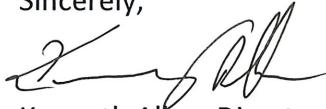


recent redesign increases the total project cost to \$7,274,398 and the Local share to \$4,091,814 or \$3,296.168 over the estimated Local participation in the AFA. **HPARD is requesting 50% Federal match of the estimated increase in Local participation or \$1,648,084 in additional Federal funding under a new AFA. If approved, this increase would result in a split of \$4,830,668 (66%) Federal and \$2,443,730 (34%) Local participation. HPARD and HPB would remain responsible for any project cost overruns.**

Additionally, because this project was previously let to contract but not completed, HPARD also requests an amendment to the TIP and a revision of the STIP to reflect the new CSJ project number assigned by TxDOT – CSJ 0912-72-619.

We would be happy to discuss this matter further with you and greatly appreciate in advance any assistance your office can provide. Please contact Luci Correa at 832-395-7057 or [Luci.Correa@houstontx.gov](mailto:Luci.Correa@houstontx.gov).

Sincerely,



Kenneth Allen, Director  
Houston Parks and Recreation Department

CC: Beth White, Houston Parks Board  
Mark Patterson, Texas Department of Transportation

# H-GAC Transportation Development Credits Application

## Contact Information

| Name       | Phone Number | E-Mail Address           |
|------------|--------------|--------------------------|
| Alan Clark | 713-615-6340 | alan.clark@ridemetro.org |

## Project Information

| MPOID | Sponsor Name                                    |
|-------|---|
| 15243 | Metropolitan Transit Authority of Harris County |

### TIP Project Description

Purchase 20 40ft electric buses and 10 smaller "cutaway" electric buses plus necessary recharging equipment.

| Federal Cost | TDC Request |
|--------------|-------------|
| \$29,193,000 | 5,838,600   |

| Is this project currently in the TIP? | TIP Year |
|---------------------------------------|----------|
| Yes                                   | 2022     |

## 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.

The proposed project will reduce over 9.7 tons in Nitrogen Oxide emissions supporting the regional goal of attaining federal clean air standards.

## 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.

Substantial TDCs were previously programmed for the unused FY 21/22 Regional Vanpool funding which this project will replace. the use of TDCs will not reduce METRO's planned expenditure for its implementation of METRO Next projects.

## Date Submitted

02/22/2022

# H-GAC Transportation Development Credits Application

## Contact Information

| Name         | Phone Number | E-Mail Address         |
|--------------|--------------|------------------------|
| Jamila Owens | 832-681-2522 | jamila.owens@h-gac.com |

## Project Information

| MPOID | Sponsor Name                                    |
|-------|---|
| 18846 | Metropolitan Transit Authority of Harris County |

### TIP Project Description

The Regional Transit Connectivity (Fares) Project will continue the work of establishing a seamless fare system and implementing supporting project elements to benefit the Houston-Galveston TMA. This includes a data management system, fare system and mobile ticketing app, and related equipment, also development of a fare policy.

| Federal Cost                          | TDC Request |
|---------------------------------------|-------------|
| \$5,000,000                           | 1,000,000   |
| Is this project currently in the TIP? | TIP Year    |
| No.                                   | 2022        |

## Priority Use of TDCs

### TDC Priority

Other Regionally Significant Project

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

The Regional Transit Connectivity Project will help reduce congestion in the region by increasing ridership on the transit network in the Houston - Galveston TMA. As riders are more easily able to move from one part of the region to another through a regional fare implementation, studies have shown that ridership is likely to increase. This increased ridership leads to reduced Vehicle Miles Traveled and improvements in air quality.

## Maintenance of Local Investment

### Roadway, Transit, or Other Project?

Other Project

### Explain and document how TDCs will advance the regional goals established in the Regional Transportation Plan, i.e. Improve Safety, Move People and Goods efficiently, Achieve/Maintain State of Good Repair, Strengthen regional Economic Competitiveness, and Conserve and Protect Natural and Cultural Resources.

Establishing a regional fare system was a recommendation of the 2017 Regionally Coordinated Transportation Plan that is included in the 2045 Regional Transportation Plan. This project is also included in the 2022 Regionally Coordinated Transportation Plan that will be part of the update of the RTP. Establishing a seamless fare for transit riders across the region will assist with moving people and goods more efficiently by causing less friction for the rider and increasing ridership, making better use of our existing transportation networks. Both a slight reduction in bus idling and an increase in ridership should also help conserve and protect natural and cultural resources by improving air quality.

## Date Submitted

03/08/2022

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ 981 / 0188-09-040 FY 2022**

| DISTRICT          | COUNTY                               | CSJ         | HWY    | PHASE | CITY | PROJECT SPONSOR        | YOE COST     |
|-------------------|--------------------------------------|-------------|--------|-------|------|------------------------|--------------|
| Houston           | Fort Bend                            | 0188-09-040 | FM 723 | C     | NONE | TXDOT HOUSTON DISTRICT | \$53,000,000 |
| STREET:           | FM 723                               |             |        |       |      | MPO PROJECT ID: 981    |              |
| LIMITS FROM:      | FM 1093                              |             |        |       |      | VOC: kg/day            |              |
| LIMITS TO:        | S OF BEADLE LN                       |             |        |       |      | NOx: kg/day            |              |
| TIP DESCRIPTION : | WIDEN FROM 2-LANE TO 4-LANES DIVIDED |             |        |       |      |                        |              |

**Project History :** Amendment # APR-2022- 2022-04-22 Convert all Federal funding to State funding 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:        | \$2,597,000         | \$53,000,000             | METRO-TMA                             | \$0     | \$53,000,000 | \$0   | \$0                | \$53,000,000        |
| Right Of Way:                   | \$24,000,000        |                          | Funding by share:                     | \$0     | \$53,000,000 | \$0   | \$0                | \$53,000,000        |
| Construction:                   | \$53,000,000        |                          |                                       |         |              |       |                    |                     |
| Construction Engineering:       | \$2,120,000         |                          |                                       |         |              |       |                    |                     |
| Contingencies:                  | \$5,300,000         |                          |                                       |         |              |       |                    |                     |
| Indirects:                      | \$2,692,400         |                          |                                       |         |              |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |         |              |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$89,709,400</b> |                          |                                       |         |              |       |                    |                     |
|                                 |                     |                          | TDC:                                  | 0       |              |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ 981 / 0188-09-040 FY 2022**

| DISTRICT          | COUNTY                               | CSJ         | HWY    | PHASE | CITY | PROJECT SPONSOR        | YOE COST     |
|-------------------|--------------------------------------|-------------|--------|-------|------|------------------------|--------------|
| Houston           | Fort Bend                            | 0188-09-040 | FM 723 | C     | NONE | TXDOT HOUSTON DISTRICT | \$53,000,000 |
| STREET:           | FM 723                               |             |        |       |      | MPO PROJECT ID: 981    |              |
| LIMITS FROM:      | FM 1093                              |             |        |       |      | VOC: kg/day            |              |
| LIMITS TO:        | S OF BEADLE LN                       |             |        |       |      | NOx: kg/day            |              |
| TIP DESCRIPTION : | WIDEN FROM 2-LANE TO 4-LANES DIVIDED |             |        |       |      |                        |              |

**Project History :** Amendment # 29- 2005-08-26 UPDATE APPENDIX D: "PROJECTS UNDERGOING ENVIRONMENTAL ASSESSMENT" WITH A MORE COMPREHENSIVE LIST.\*\* Amendment # 2040-3- 2016-04-22 Program in FY 2020 with PROP-7 funding.\*\* Amendment # OCT-2017- 2017-10-27 Modify Cat-2 funding and reflect potential use of federal funds.\*\* Amendment # JUL-2019A- 2019-07-26 Delay from 2020 to 2021 at sponsor's request.\*\* Amendment # FEB-2020- 2020-02-28 Modify description of work and extend southern section as MPO ID 18515/CSJ 0188-09-051. Overall limits remain the same. Overall funding increases by \$30M due to multiple design changes.\*\* Amendment # JAN-2021A- 2021-01-22 Delayed from FY 2021 to 2023 at TxDOT's request to fiscally constrain 2021 STIP.\*\* Amendment # DEC-2021- 2021-12-17 Advance from FY 2023 to FY 2022.\*\*

**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:        | \$2,597,000         | \$53,000,000             | METRO-TMA                             | \$42,400,000 | \$10,600,000 | \$0   | \$0                | \$53,000,000        |
| Right Of Way:                   | \$24,000,000        |                          | Funding by share:                     | \$42,400,000 | \$10,600,000 | \$0   | \$0                | \$53,000,000        |
| Construction:                   | \$53,000,000        |                          |                                       |              |              |       |                    |                     |
| Construction Engineering:       | \$2,120,000         |                          |                                       |              |              |       |                    |                     |
| Contingencies:                  | \$5,300,000         |                          |                                       |              |              |       |                    |                     |
| Indirects:                      | \$2,692,400         |                          |                                       |              |              |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |              |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$89,709,400</b> |                          |                                       |              |              |       |                    |                     |
|                                 |                     |                          | TDC:                                  |              |              |       |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **5030 / 0912-71-836**      **FY 2023**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE       | CITY    | PROJECT SPONSOR | YOE COST     |
|----------|--------|-------------|-----|-------------|---------|-----------------|--------------|
| Houston  | Harris | 0912-71-836 | CS  | C:E(REVIEW) | HOUSTON | CITY OF HOUSTON | \$16,000,000 |

STREET: GREENS RD      MPO PROJECT ID: 5030  
 LIMITS FROM: JFK BLVD      VOC: kg/day  
 LIMITS TO: IH 69      NOx: kg/day  
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 2 LANE TO 4-LANES DIVIDED

**Project History :** Amendment # APR-2022- 2022-04-22 Delay to FY 2023 at 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:        | \$784,000           | \$16,000,000             | STBG                                  | \$12,800,000 | \$0   | \$3,200,000 | \$0                | \$16,000,000        |
| Right Of Way:                   | \$0                 |                          | <b>Funding by share:</b>              | \$12,800,000 | \$0   | \$3,200,000 | \$0                | \$16,000,000        |
| Construction:                   | \$16,000,000        |                          | TDC: 0                                |              |       |             |                    |                     |
| Construction Engineering:       | \$800,000           |                          |                                       |              |       |             |                    |                     |
| Contingencies:                  | \$1,600,000         |                          |                                       |              |       |             |                    |                     |
| Indirects:                      | \$812,800           |                          |                                       |              |       |             |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |       |             |                    |                     |
| <b>Total Project Cost</b>       | <b>\$19,996,800</b> |                          |                                       |              |       |             |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **5030 / 0912-71-836**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE       | CITY    | PROJECT SPONSOR | YOE COST     |
|----------|--------|-------------|-----|-------------|---------|-----------------|--------------|
| Houston  | Harris | 0912-71-836 | CS  | C:E(REVIEW) | HOUSTON | CITY OF HOUSTON | \$16,000,000 |

STREET: GREENS RD      MPO PROJECT ID: 5030  
 LIMITS FROM: JFK BLVD      VOC: kg/day  
 LIMITS TO: IH 69      NOx: kg/day  
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 2 LANE TO 4-LANES DIVIDED

**Project History :** Amendment # 29- 2005-08-26 UPDATE APPENDIX D: "PROJECTS UNDERGOING ENVIRONMENTAL ASSESSMENT" WITH A MORE COMPREHENSIVE LIST.\*\*\* Amendment # 2012- 2012-01-25 Modify limits.\*\*\* Amendment # 31- 2013-05-24 Program 2013-2016 Call for Projects awards.\*\*\* Amendment # 29- 2015-09-25 Delay to FY 2016.\*\*\* Amendment # 38- 2015-11-20 Delay to FY 2017.\*\*\* Amendment # JAN-2017A- 2017-01-27 Delay to FY 2018.\*\*\* Amendment # DEC-2017A- 2017-12-15 Delay to FY2019.\*\*\* Amendment # MAY-2018A- 2018-05-25 Make minor modification to description of work.\*\*\* Amendment # AUG-2019A- 2019-08-23 Delay from FY 2020 to FY 2021 per request from sponsor.\*\*\*

**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:        | \$784,000           | \$16,000,000             | STBG                                  | \$12,800,000 | \$0   | \$3,200,000 | \$0                | \$16,000,000        |
| Right Of Way:                   | \$0                 |                          | <b>Funding by share:</b>              | \$12,800,000 | \$0   | \$3,200,000 | \$0                | \$16,000,000        |
| Construction:                   | \$16,000,000        |                          | TDC:                                  |              |       |             |                    |                     |
| Construction Engineering:       | \$800,000           |                          |                                       |              |       |             |                    |                     |
| Contingencies:                  | \$1,600,000         |                          |                                       |              |       |             |                    |                     |
| Indirects:                      | \$812,800           |                          |                                       |              |       |             |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |       |             |                    |                     |
| <b>Total Project Cost</b>       | <b>\$19,996,800</b> |                          |                                       |              |       |             |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **7428 / 0027-13-200**      **FY 2025**

| DISTRICT          | COUNTY   | CSJ         | HWY   | PHASE | CITY    | PROJECT SPONSOR        | YOE COST      |
|-------------------|--|-------------|-------|-------|---------|------------------------|---------------|
| Houston           | Harris   | 0027-13-200 | IH 69 | C     | HOUSTON | TXDOT HOUSTON DISTRICT | \$260,740,000 |
| STREET:           | IH 69 S  |             |       |       |         | MPO PROJECT ID:        | 7428          |
| LIMITS FROM:      | IH 45  |             |       |       |         | VOC:                   | kg/day        |
| LIMITS TO:        | SH 288   |             |       |       |         | NOx:                   | kg/day        |
| TIP DESCRIPTION : | RECONSTRUCT AND WIDEN FROM 8 TO 12 MAIN LANES AND RECONSTRUCT IH 69/SH 288 INTERCHANGE (NHHIP SEG-3) |             |       |       |         |                        |               |

**Project History :** Amendment # APR-2022- 2022-04-22 Delay to FY 2025 at the sponsor's request.\*\*\*

**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:        | \$12,776,260         | <b>\$260,740,000</b>     | STRATEGIC                             | \$140,192,000 | \$120,548,000 | \$0   | \$0                | \$260,740,000       |
| Right Of Way:                   | \$24,055,000         |                          | <b>Funding by share:</b>              | \$140,192,000 | \$120,548,000 | \$0   | \$0                | \$260,740,000       |
| Construction:                   | \$260,740,000        |                          |                                       |               |               |       |                    |                     |
| Construction Engineering:       | \$10,429,600         |                          |                                       |               |               |       |                    |                     |
| Contingencies:                  | \$26,074,000         |                          |                                       |               |               |       |                    |                     |
| Indirects:                      | \$13,245,592         |                          |                                       |               |               |       |                    |                     |
| Bond Financing:                 | \$0                  |                          |                                       |               |               |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$347,320,452</b> |                          |                                       |               |               |       |                    |                     |
|                                 |                      |                          | <b>TDC: 0</b>                         |               |               |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **7428 / 0027-13-200**      **FY 2022**

| DISTRICT          | COUNTY   | CSJ         | HWY   | PHASE | CITY    | PROJECT SPONSOR        | YOE COST      |
|-------------------|--|-------------|-------|-------|---------|------------------------|---------------|
| Houston           | Harris   | 0027-13-200 | IH 69 | C     | HOUSTON | TXDOT HOUSTON DISTRICT | \$260,740,000 |
| STREET:           | IH 69 S  |             |       |       |         | MPO PROJECT ID:        | 7428          |
| LIMITS FROM:      | IH 45  |             |       |       |         | VOC:                   | kg/day        |
| LIMITS TO:        | SH 288   |             |       |       |         | NOx:                   | kg/day        |
| TIP DESCRIPTION : | RECONSTRUCT AND WIDEN FROM 8 TO 12 MAIN LANES AND RECONSTRUCT IH 69/SH 288 INTERCHANGE (NHHIP SEG-3) |             |       |       |         |                        |               |

**Project History :** Amendment # 29- 2005-08-26 UPDATE APPENDIX D, "PROJECTS UNDERGOING ENVIRONMENTAL ASSESSMENT" WITH A MORE COMPREHENSIVE LIST.\*\*\* Amendment # JAN-2018- 2018-01-26 Add NHHIP project segment to the RTP. Funding committed by TxDOT at the Mar 2017 Commission meeting.\*\*\*

**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:        | \$12,776,260         | <b>\$260,740,000</b>     | STRATEGIC                             | \$140,192,000 | \$120,548,000 | \$0   | \$0                | \$260,740,000       |
| Right Of Way:                   | \$24,055,000         |                          | <b>Funding by share:</b>              | \$140,192,000 | \$120,548,000 | \$0   | \$0                | \$260,740,000       |
| Construction:                   | \$260,740,000        |                          |                                       |               |               |       |                    |                     |
| Construction Engineering:       | \$10,429,600         |                          |                                       |               |               |       |                    |                     |
| Contingencies:                  | \$26,074,000         |                          |                                       |               |               |       |                    |                     |
| Indirects:                      | \$13,245,592         |                          |                                       |               |               |       |                    |                     |
| Bond Financing:                 | \$0                  |                          |                                       |               |               |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$347,320,452</b> |                          |                                       |               |               |       |                    |                     |
|                                 |                      |                          | <b>TDC:</b>                           |               |               |       |                    |                     |

**2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN**

April 2022 - TPC Amendments

**PROPOSED VERSION**

| MPOID / CSJ       |  |             |        |       |               |                        | 10125 / 0338-04-065 |  | FY 2022 |
|-------------------|--|-------------|--------|-------|---------------|------------------------|---------------------|--|---------|
| DISTRICT          | COUNTY   | CSJ         | HWY    | PHASE | CITY          | PROJECT SPONSOR        | YOE COST            |  |         |
| Houston           | Montgomery                                     | 0338-04-065 | SH 105 | C     | CUT AND SHOOT | TXDOT HOUSTON DISTRICT | <b>\$75,000,000</b> |  |         |
| STREET:           | SH 105   |             |        |       |               | MPO PROJECT ID:        | 10125               |  |         |
| LIMITS FROM:      | LP 336   |             |        |       |               | VOC:                   | kg/day              |  |         |
| LIMITS TO:        | FM 1484  |             |        |       |               | NOx:                   | kg/day              |  |         |
| TIP DESCRIPTION : | RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED |             |        |       |               |                        |                     |  |         |

**Project History :** Amendment # APR-2022- 2022-04-22 Advance from FY 2023 to FY 2022 at the sponsor's request.\*\*\*

**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:        | \$3,675,000          | <b>\$75,000,000</b>      | METRO-TMA                             | \$19,520,000 | \$4,880,000  | \$0   | \$0                | \$24,400,000        |
| Right Of Way:                   | \$13,180,000         |                          | ST-WIDE                               | \$40,480,000 | \$10,120,000 | \$0   | \$0                | \$50,600,000        |
| Construction:                   | \$75,000,000         |                          | <b>Funding by share:</b>              | \$60,000,000 | \$15,000,000 | \$0   | \$0                | \$75,000,000        |
| Construction Engineering:       | \$3,000,000          |                          |                                       |              |              |       |                    |                     |
| Contingencies:                  | \$7,500,000          |                          |                                       |              |              |       |                    |                     |
| Indirects:                      | \$3,810,000          |                          |                                       |              |              |       |                    |                     |
| Bond Financing:                 | \$0                  |                          |                                       |              |              |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$106,165,000</b> |                          |                                       |              |              |       |                    |                     |
|                                 |                      |                          | TDC:                                  | 0            |              |       |                    |                     |

**OLD VERSION**

| MPOID / CSJ       |  |             |        |       |               |                        | 10125 / 0338-04-065 |  | FY 2023 |
|-------------------|--|-------------|--------|-------|---------------|------------------------|---------------------|--|---------|
| DISTRICT          | COUNTY   | CSJ         | HWY    | PHASE | CITY          | PROJECT SPONSOR        | YOE COST            |  |         |
| Houston           | Montgomery                                     | 0338-04-065 | SH 105 | C     | CUT AND SHOOT | TXDOT HOUSTON DISTRICT | <b>\$75,000,000</b> |  |         |
| STREET:           | SH 105   |             |        |       |               | MPO PROJECT ID:        | 10125               |  |         |
| LIMITS FROM:      | LP 336   |             |        |       |               | VOC:                   | kg/day              |  |         |
| LIMITS TO:        | FM 1484  |             |        |       |               | NOx:                   | kg/day              |  |         |
| TIP DESCRIPTION : | RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED |             |        |       |               |                        |                     |  |         |

**Project History :** Amendment # 29- 2005-08-26 UPDATE APPENDIX D: "PROJECTS UNDERGOING ENVIRONMENTAL ASSESSMENT" WITH A MORE COMPREHENSIVE LIST.\*\*\* Amendment # 2040-3- 2016-04-22 Program in FY 2023 with PROP-7 funding.\*\*\* Amendment # OCT-2017- 2017-10-27 Modify funding source to Cat-4 Statewide Connectivity Corridor Projects and advance from FY 2023 to FY 2021.\*\*\* Amendment # OCT-2018A- 2018-10-26 Modify description of work.\*\*\* Amendment # JUL-2019A- 2019-07-26 Delay from 2021 to 2022 at sponsor's request.\*\*\* Amendment # NOV-2020- 2020-11-27 Increase Cat-2 Federal/State funding by \$20M and reduce Cat-4 Federal/State funding by \$14M.\*\*\* Amendment # OCT-2021A- 2021-10-22 Correct YOY Cost and Cost of Approved Phases to equal the total programmed cost of \$75,000,000.\*\*\*

**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:        | \$3,675,000          | <b>\$75,000,000</b>      | METRO-TMA                             | \$19,520,000 | \$4,880,000  | \$0   | \$0                | \$24,400,000        |
| Right Of Way:                   | \$13,180,000         |                          | ST-WIDE                               | \$40,480,000 | \$10,120,000 | \$0   | \$0                | \$50,600,000        |
| Construction:                   | \$75,000,000         |                          | <b>Funding by share:</b>              | \$60,000,000 | \$15,000,000 | \$0   | \$0                | \$75,000,000        |
| Construction Engineering:       | \$3,000,000          |                          |                                       |              |              |       |                    |                     |
| Contingencies:                  | \$7,500,000          |                          |                                       |              |              |       |                    |                     |
| Indirects:                      | \$3,810,000          |                          |                                       |              |              |       |                    |                     |
| Bond Financing:                 | \$0                  |                          |                                       |              |              |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$106,165,000</b> |                          |                                       |              |              |       |                    |                     |
|                                 |                      |                          | TDC:                                  |              |              |       |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **11718 / 0912-00-548** **FY 2021**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Multiple | 0912-00-548 | VA  | Capital | HOUSTON | METRO           | \$3,750,000 |

STREET: METRO SERVICE AREA MPO PROJECT ID: 11718  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (STBG): FY 2020

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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>\$3,750,000</b>              | STBG   | \$3,000,000 | \$0       | \$750,000 | \$0                | \$3,750,000                |
| Right Of Way:                          | \$0                |                                 | <b>Funding by share:</b>                     |             |           |           |                    | \$3,750,000                |
| Construction:                          | \$3,750,000        |                                 | \$3,000,000                                  | \$0         | \$750,000 | \$0       | \$3,750,000        |                            |
| Construction Engineering:              | \$0                |                                 |  |             |           |           |                    |                            |
| Contingencies:                         | \$0                |                                 |  |             |           |           |                    |                            |
| Indirects:                             | \$0                |                                 |  |             |           |           |                    |                            |
| Bond Financing:                        | \$0                |                                 |  |             |           |           |                    |                            |
| <b>Total Project Cost</b>              | <b>\$3,750,000</b> |                                 |  |             |           |           |                    |                            |
|  |                    |                                 | <b>TDC: 0</b>                                |             |           |           |                    |                            |

**OLD VERSION**

**MPOID / CSJ**      **11718 / 0912-00-548** **FY 2021**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Multiple | 0912-00-548 | VA  | Capital | HOUSTON | METRO           | \$3,750,000 |

STREET: METRO SERVICE AREA MPO PROJECT ID: 11718  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (STBG): FY 2020

**Project History :** Amendment # 57- 2016-05-27 Program Regional Programs.\*\*\* Amendment # 16- 2016-10-28 Add CSJ number.\*\*\* Amendment # JAN - 2021- 2021-01-22 Removed from 2021 TIP at TxDOT's request to group in the TXDOT Statewide Transit Improvements Program in order to fiscally constrain the 2021 STIP.\*\*\*

**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>\$3,750,000</b>              | STBG   | \$3,000,000 | \$0       | \$750,000 | \$0                | \$3,750,000                |
| Right Of Way:                          | \$0                |                                 | <b>Funding by share:</b>                     |             |           |           |                    | \$3,750,000                |
| Construction:                          | \$3,750,000        |                                 | \$3,000,000                                  | \$0         | \$750,000 | \$0       | \$3,750,000        |                            |
| Construction Engineering:              | \$0                |                                 |  |             |           |           |                    |                            |
| Contingencies:                         | \$0                |                                 |  |             |           |           |                    |                            |
| Indirects:                             | \$0                |                                 |  |             |           |           |                    |                            |
| Bond Financing:                        | \$0                |                                 |  |             |           |           |                    |                            |
| <b>Total Project Cost</b>              | <b>\$3,750,000</b> |                                 |  |             |           |           |                    |                            |
|  |                    |                                 | <b>TDC:</b>                                  |             |           |           |                    |                            |



17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **11760 / 0912-00-604**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-604 | VA  | Capital | HOUSTON | METRO           | \$3,650,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: 11760  
 LIMITS FROM: VA      VOC: 6.54 kg/day  
 LIMITS TO: VA      NOx: 31.68 kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (CMAQ): FY 2022

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram in the FY 2022 Electric Bus Purchase MPO ID 15243.\*\*

**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>\$3,650,000</b>       | CMAQ                                  | \$3,650,000 | \$0   | \$0   | \$0                | \$3,650,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$3,650,000 | \$0   | \$0   | \$0                | \$3,650,000         |
| Construction:                   | \$3,650,000        |                          | <b>TDC: 0</b>                         |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,650,000</b> |                          |                                       |             |       |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **11760 / 0912-00-600**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-604 | VA  | Capital | HOUSTON | METRO           | \$3,650,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: 11760  
 LIMITS FROM: VA      VOC: 6.54 kg/day  
 LIMITS TO: VA      NOx: 31.68 kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL: CMAQ FY 2020: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # OCT-2019A- 2019-10-25 Add CSJ 0912-00-600.\*\*\* Amendment # MAR-2021- 2021-03-26 Program 480,000 TDCs in lieu of local matching funds.\*\*\* Amendment # JUL-2021- 2021-07-23 Receive \$1,250,000 CMAQ funding and 250,000 TDCs from 17135/0912-00-563 to streamline program accounting and administration.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\* Amendment # NOV-2021- 2021-11-19 Delay to FY 2022.\*\*\*

**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>\$3,650,000</b>       | CMAQ                                  | \$3,650,000 | \$0   | \$0   | \$0                | \$3,650,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$3,650,000 | \$0   | \$0   | \$0                | \$3,650,000         |
| Construction:                   | \$3,650,000        |                          | <b>TDC:</b>                           |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,650,000</b> |                          |                                       |             |       |       |                    |                     |

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **11762 / 0912-00-601** **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-601 | VA  | Capital | HOUSTON | METRO           | \$2,400,000 |

STREET: METRO SERVICE AREA MPO PROJECT ID: 11762  
 LIMITS FROM: VA VOC: 6.54 kg/day  
 LIMITS TO: VA NOx: 31.68 kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL: CMAQ FY 2021: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram in the FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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:        | \$0                | <b>\$2,400,000</b>       | CMAQ                                  | \$2,400,000 | \$0   | \$0   | \$0                | \$2,400,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$2,400,000 | \$0   | \$0   | \$0                | \$2,400,000         |
| Construction:                   | \$2,400,000        |                          | <b>TDC: 0</b>                         |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$2,400,000</b> |                          |                                       |             |       |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **11762 / 0912-00-601** **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-601 | VA  | Capital | HOUSTON | METRO           | \$2,400,000 |

STREET: METRO SERVICE AREA MPO PROJECT ID: 11762  
 LIMITS FROM: VA VOC: 6.54 kg/day  
 LIMITS TO: VA NOx: 31.68 kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL: CMAQ FY 2021: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # OCT-2019A- 2019-10-25 Add CSJ 0912-00-601.\*\*\* Amendment # MAR-2021- 2021-03-26 Program 480,000 TDCs in lieu of local match.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\* Amendment # NOV-2021- 2021-11-19 Delay to FY 2022.\*\*\*

**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:        | \$0                | <b>\$2,400,000</b>       | CMAQ                                  | \$2,400,000 | \$0   | \$0   | \$0                | \$2,400,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$2,400,000 | \$0   | \$0   | \$0                | \$2,400,000         |
| Construction:                   | \$2,400,000        |                          | <b>TDC:</b>                           |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$2,400,000</b> |                          |                                       |             |       |       |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **11763 / 0912-00-602**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-602 | VA  | Capital | HOUSTON | METRO           | \$1,200,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: 11763  
 LIMITS FROM: VA      VOC: 6.54 kg/day  
 LIMITS TO: VA      NOx: 31.68 kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL: CMAQ FY 2022: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram in the FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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:        | \$0                | \$1,200,000              | CMAQ                                  | \$1,200,000 | \$0   | \$0   | \$0                | \$1,200,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$1,200,000 | \$0   | \$0   | \$0                | \$1,200,000         |
| Construction:                   | \$1,200,000        |                          | <b>TDC: 0</b>                         |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,200,000</b> |                          |                                       |             |       |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **11763 / 0912-00-602**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-602 | VA  | Capital | HOUSTON | METRO           | \$1,200,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: 11763  
 LIMITS FROM: VA      VOC: 6.54 kg/day  
 LIMITS TO: VA      NOx: 31.68 kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL: CMAQ FY 2022: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # OCT-2019A- 2019-10-25 Add CSJ# 0912-00-602.\*\*\* Amendment # JAN-2020- 2020-01-24 Donate \$1.2M of CMAQ funding to 17128/0912-00-553 to cover funding gap available to reimburse eligible expenses.\*\*\* Amendment # MAR-2021- 2021-03-26 Program 240,000 TDCs in lieu of local match.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\*

**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:        | \$0                | \$1,200,000              | CMAQ                                  | \$1,200,000 | \$0   | \$0   | \$0                | \$1,200,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$1,200,000 | \$0   | \$0   | \$0                | \$1,200,000         |
| Construction:                   | \$1,200,000        |                          | <b>TDC:</b>                           |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,200,000</b> |                          |                                       |             |       |       |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **11808 / 0912-00-603** **FY 2021**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-603 | VA  | Capital | HOUSTON | METRO           | \$3,750,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: 11808  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (STBG): FY 2021

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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                | \$3,750,000              | STBG                                  | \$3,000,000 | \$0       | \$750,000 | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |           |           |                    |                     |
| Construction:                   | \$3,750,000        |                          | \$3,000,000                           | \$0         | \$750,000 | \$0       | \$3,750,000        |                     |
| Construction Engineering:       | \$0                |                          | TDC: 0                                |             |           |           |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |           |           |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |           |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |           |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |           |           |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **11808 / 0912-00-603** **FY 2021**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-603 | VA  | Capital | HOUSTON | METRO           | \$3,750,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: 11808  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (STBG): FY 2021

**Project History :** Amendment # OCT-2019A- 2019-10-25 Add CSJ 0912-00-603.\*\*\* Amendment # JAN - 2021- 2021-01-22 Removed from 2021 TIP at TxDOT's request to group the project in order to fiscally constrain 2021 STIP.\*\*\*

**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                | \$3,750,000              | STBG                                  | \$3,000,000 | \$0       | \$750,000 | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |           |           |                    |                     |
| Construction:                   | \$3,750,000        |                          | \$3,000,000                           | \$0         | \$750,000 | \$0       | \$3,750,000        |                     |
| Construction Engineering:       | \$0                |                          | TDC:                                  |             |           |           |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |           |           |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |           |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |           |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |           |           |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **11809 / 0912-00-604** **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-604 | VA  | Capital | HOUSTON | METRO           | \$1,875,000 |

STREET: METRO SERVICE AREA MPO PROJECT ID: 11809  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (STBG): FY 2022

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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                | \$1,875,000              | STBG                                  | \$1,500,000 | \$0       | \$375,000 | \$0                | \$1,875,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |           |           |                    |                     |
| Construction:                   | \$1,875,000        |                          | \$1,500,000                           | \$0         | \$375,000 | \$0       | \$1,875,000        |                     |
| Construction Engineering:       | \$0                |                          | TDC: 0                                |             |           |           |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |           |           |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |           |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |           |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,875,000</b> |                          |                                       |             |           |           |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **11809 / 0912-00-604** **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST    |
|----------|--------|-------------|-----|---------|---------|-----------------|-------------|
| Houston  | Harris | 0912-00-604 | VA  | Capital | HOUSTON | METRO           | \$1,875,000 |

STREET: METRO SERVICE AREA MPO PROJECT ID: 11809  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : METRO STAR VANPOOL (STBG): FY 2022

**Project History :** Amendment # OCT-2019A- 2019-10-25 Add CSJ 0912-00-604.\*\*\* Amendment # JAN-2020- 2020-01-24 Donate \$1.5M of STBG funding to 11716/0912-00-546 to cover funding gap available to reimburse eligible expenses.\*\*\* Amendment # JAN - 2021- 2021-01-22 Removed from 2021 TIP at TxDOT's request to group the project to fiscally constrain 2021 STIP.\*\*\*

**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                | \$1,875,000              | STBG                                  | \$1,500,000 | \$0       | \$375,000 | \$0                | \$1,875,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |           |           |                    |                     |
| Construction:                   | \$1,875,000        |                          | \$1,500,000                           | \$0         | \$375,000 | \$0       | \$1,875,000        |                     |
| Construction Engineering:       | \$0                |                          | TDC:                                  |             |           |           |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |           |           |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |           |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |           |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,875,000</b> |                          |                                       |             |           |           |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **I5243 /NA**      **FY 2022**

| DISTRICT | COUNTY | CSJ | HWY | PHASE   | CITY    | PROJECT SPONSOR | YOE COST     |
|----------|--------|-----|-----|---------|---------|-----------------|--------------|
| Houston  | Harris |     | VA  | Capital | HOUSTON | METRO           | \$29,193,000 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: I5243  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : Replace 20 40' heavy duty diesel buses or diesel/electric hybrids with 20 all electric buses; purchase 10 all electric 'cutaway' buses; purchase necessary recharging stations

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram \$7.4 from five (5) unobligated FY 2021/2022 CMAQ funded vanpool projects with additional CMAQ funds into FY 2022 for Electric Bus Purchase (MPO ID I5243) with 5,838,600 TDCs in lieu of matching funds. Also, cancel eight (8) STBG funded vanpool projects due to lack of demand.

**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                 | \$29,193,000             | CMAQ                                  | \$29,193,000        | \$0        | \$0        | \$0                | \$29,193,000        |
| Right Of Way:                   | \$0                 |                          |                                       |                     |            |            |                    |                     |
| Construction:                   | \$29,193,000        |                          |                                       |                     |            |            |                    |                     |
| Construction Engineering:       | \$0                 |                          |                                       |                     |            |            |                    |                     |
| Contingencies:                  | \$0                 |                          |                                       |                     |            |            |                    |                     |
| Indirects:                      | \$0                 |                          |                                       |                     |            |            |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |                     |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$29,193,000</b> |                          | <b>Funding by share:</b>              | <b>\$29,193,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$29,193,000</b> |
|                                 |                     |                          | <b>TDC:</b>                           | <b>5,838,600</b>    |            |            |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **I5243 /**      **FY 2022**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY    | PROJECT SPONSOR | YOE COST     |
|----------|--------|-----|-----|-------|---------|-----------------|--------------|
| Houston  | Harris |     | VA  |       | HOUSTON | METRO           | \$60,335,736 |

STREET: METRO SERVICE AREA      MPO PROJECT ID: I5243  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : Replacement buses

**Project History :** Amendment # I5- 2015-09-25 Add to 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:        | \$0                 | \$60,335,736             | LOCAL TRANS                           | \$0        | \$0        | \$60,335,736        | \$0                | \$60,335,736        |
| Right Of Way:                   | \$0                 |                          |                                       |            |            |                     |                    |                     |
| Construction:                   | \$60,335,736        |                          |                                       |            |            |                     |                    |                     |
| Construction Engineering:       | \$0                 |                          |                                       |            |            |                     |                    |                     |
| Contingencies:                  | \$0                 |                          |                                       |            |            |                     |                    |                     |
| Indirects:                      | \$0                 |                          |                                       |            |            |                     |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |            |            |                     |                    |                     |
| <b>Total Project Cost</b>       | <b>\$60,335,736</b> |                          | <b>Funding by share:</b>              | <b>\$0</b> | <b>\$0</b> | <b>\$60,335,736</b> | <b>\$0</b>         | <b>\$60,335,736</b> |
|                                 |                     |                          | <b>TDC:</b>                           |            |            |                     |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **16126 / 0912-72-619** **FY 2019**

| DISTRICT                                      | COUNTY | CSJ         | HWY | PHASE       | CITY    | PROJECT SPONSOR       | YOE COST    |
|---|--------|-------------|-----|-------------|---------|-----------------------|-------------|
| Houston                                       | Harris | 0912-72-619 | VA  | C:E(REVIEW) | HOUSTON | HOUSTON PARKS BOARD   | \$7,274,398 |
| STREET: HALLS BAYOU TRAIL                     |        |             |     |             |         | MPO PROJECT ID: 16126 |             |
| LIMITS FROM: JENSEN DR TO HIRSH RD            |        |             |     |             |         | VOC: 0.04 kg/day      |             |
| LIMITS TO: BRETSHIRE DR TO TIDWELL/WAYSIDE DR |        |             |     |             |         | NOx: 0.02 kg/day      |             |
| TIP DESCRIPTION : CONSTRUCT MULTI-USE PATH    |        |             |     |             |         |                       |             |

**Project History :** Amendment # APR-2022- 2022-04-22 Increase federal CMAQ funding by \$1.6M (52%) with an increased local match of \$2.4M to project obligated in FY 2019. Assign new CSJ# 0912-72-619.\*\*\*

**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:        | \$356,446          | <b>\$7,274,398</b>       | CMAQ                                  | \$4,830,668 | \$0         | \$2,443,730 | \$0                | \$7,274,398         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |             |             |                    |                     |
| Construction:                   | \$7,274,398        |                          | \$4,830,668                           | \$0         | \$2,443,730 | \$0         | \$7,274,398        |                     |
| Construction Engineering:       | \$363,720          |                          |                                       |             |             |             |                    |                     |
| Contingencies:                  | \$727,440          |                          |                                       |             |             |             |                    |                     |
| Indirects:                      | \$369,539          |                          |                                       |             |             |             |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |             |             |                    |                     |
| <b>Total Project Cost</b>       | <b>\$9,091,543</b> | <b>TDC: 0</b>            |                                       |             |             |             |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **16126 / 0912-72-314** **FY 2019**

| DISTRICT                                      | COUNTY | CSJ         | HWY | PHASE       | CITY    | PROJECT SPONSOR       | YOE COST    |
|---|--------|-------------|-----|-------------|---------|-----------------------|-------------|
| Houston                                       | Harris | 0912-72-619 | VA  | C:E(REVIEW) | HOUSTON | HOUSTON PARKS BOARD   | \$3,978,230 |
| STREET: HALLS BAYOU TRAIL                     |        |             |     |             |         | MPO PROJECT ID: 16126 |             |
| LIMITS FROM: JENSEN DR TO HIRSH RD            |        |             |     |             |         | VOC: 0.04 kg/day      |             |
| LIMITS TO: BRETSHIRE DR TO TIDWELL/WAYSIDE DR |        |             |     |             |         | NOx: 0.02 kg/day      |             |
| TIP DESCRIPTION : CONSTRUCT MULTI-USE PATH    |        |             |     |             |         |                       |             |

**Project History :** Amendment # 31- 2013-05-24 Program 2013-2016 Call-for-Projects awards.\*\*\* Amendment # 33- 2015-10-23 Delay to FY 2016.\*\*\* Amendment # 45- 2016-02-26 Delay to FY 2017.\*\*\* Amendment # Jun-2017A- 2017-06-23 Delay to FY 2018.\*\*\*

**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:        | \$194,933          | <b>\$3,978,230</b>       | CMAQ                                  | \$3,182,584 | \$0       | \$795,646 | \$0                | \$3,978,230         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |           |           |                    |                     |
| Construction:                   | \$3,978,230        |                          | \$3,182,584                           | \$0         | \$795,646 | \$0       | \$3,978,230        |                     |
| Construction Engineering:       | \$238,694          |                          |                                       |             |           |           |                    |                     |
| Contingencies:                  | \$397,823          |                          |                                       |             |           |           |                    |                     |
| Indirects:                      | \$202,094          |                          |                                       |             |           |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |           |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$5,011,774</b> | <b>TDC:</b>              |                                       |             |           |           |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **16337 / 0027-13-221** **FY 2025**

| DISTRICT  | COUNTY | CSJ         | HWY   | PHASE | CITY    | PROJECT SPONSOR        | YOE COST     |
|---|--------|-------------|-------|-------|---------|------------------------|--------------|
| Houston   | Harris | 0027-13-221 | IH 69 | C     | HOUSTON | TXDOT HOUSTON DISTRICT | \$65,500,000 |
| STREET: MCGOWEN, TUAM AND ELGIN ST                    |        |             |       |       |         | MPO PROJECT ID: 16337  |              |
| LIMITS FROM: AT IH 69                                 |        |             |       |       |         | VOC: kg/day            |              |
| LIMITS TO:  |        |             |       |       |         | NOx: kg/day            |              |
| TIP DESCRIPTION : RECONSTRUCT 3 BRIDGES (NHHIP SEG-3) |        |             |       |       |         |                        |              |

**Project History :** Amendment # APR-2022- 2022-04-22 Delay to FY 2025 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:        | \$3,209,500         | <b>\$65,500,000</b>      | STRATEGIC                             | \$52,400,000 | \$13,100,000 | \$0   | \$0                | \$65,500,000        |
| Right Of Way:                   | \$4,500,000         |                          |                                       |              |              |       |                    |                     |
| Construction:                   | \$65,500,000        |                          |                                       |              |              |       |                    |                     |
| Construction Engineering:       | \$2,620,000         |                          |                                       |              |              |       |                    |                     |
| Contingencies:                  | \$6,550,000         |                          |                                       |              |              |       |                    |                     |
| Indirects:                      | \$3,327,400         |                          |                                       |              |              |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |              |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$85,706,900</b> |                          |                                       |              |              |       |                    |                     |
|                                 |                     |                          | TDC: 0                                |              |              |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **16337 / 0027-13-221** **FY 2022**

| DISTRICT  | COUNTY | CSJ         | HWY   | PHASE | CITY    | PROJECT SPONSOR        | YOE COST     |
|---|--------|-------------|-------|-------|---------|------------------------|--------------|
| Houston   | Harris | 0027-13-221 | IH 69 | C     | HOUSTON | TXDOT HOUSTON DISTRICT | \$65,500,000 |
| STREET: MCGOWEN, TUAM AND ELGIN ST                    |        |             |       |       |         | MPO PROJECT ID: 16337  |              |
| LIMITS FROM: AT IH 69                                 |        |             |       |       |         | VOC: kg/day            |              |
| LIMITS TO:  |        |             |       |       |         | NOx: kg/day            |              |
| TIP DESCRIPTION : RECONSTRUCT 3 BRIDGES (NHHIP SEG-3) |        |             |       |       |         |                        |              |

**Project History :** Amendment # JAN-2018- 2018-01-26 Add NHHIP project segment to the TIP. Funding committed by TxDOT at March 2017 Commission meeting.\*\*\* Amendment # NOV-2019A- 2019-11-22 Change Facility name and From limit (reverse order). Delay from FY 2020 to FY 2021.\*\*\*

**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:        | \$3,209,500         | <b>\$65,500,000</b>      | STRATEGIC                             | \$52,400,000 | \$13,100,000 | \$0   | \$0                | \$65,500,000        |
| Right Of Way:                   | \$4,500,000         |                          |                                       |              |              |       |                    |                     |
| Construction:                   | \$65,500,000        |                          |                                       |              |              |       |                    |                     |
| Construction Engineering:       | \$2,620,000         |                          |                                       |              |              |       |                    |                     |
| Contingencies:                  | \$6,550,000         |                          |                                       |              |              |       |                    |                     |
| Indirects:                      | \$3,327,400         |                          |                                       |              |              |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |              |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$85,706,900</b> |                          |                                       |              |              |       |                    |                     |
|                                 |                     |                          | TDC:                                  |              |              |       |                    |                     |



17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **17088 / 1685-01-108**      **FY 2024**

| DISTRICT | COUNTY | CSJ         | HWY     | PHASE | CITY | PROJECT SPONSOR        | YOE COST     |
|----------|--------|-------------|---------|-------|------|------------------------|--------------|
| Houston  | Harris | 1685-01-108 | FM 1960 | C     | NONE | TXDOT HOUSTON DISTRICT | \$10,904,000 |

STREET: FM 1960      MPO PROJECT ID: 17088  
 LIMITS FROM: SH 249      VOC: 0.70 kg/day  
 LIMITS TO: IH 45 N      NOx: 0.58 kg/day  
 TIP DESCRIPTION : INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO ITS EQUIPMENT CURRENTLY EXISTS

**Project History :** Amendment # APR-2022- 2022-04-22 Delay to FY 2024 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:        | \$534,296           | \$10,904,000             | CMAQ                                  | \$8,723,200 | \$2,180,800 | \$0   | \$0                | \$10,904,000        |
| Right Of Way:                   | \$0                 |                          | <b>Funding by share:</b>              | \$8,723,200 | \$2,180,800 | \$0   | \$0                | \$10,904,000        |
| Construction:                   | \$10,904,000        |                          | TDC: 0                                |             |             |       |                    |                     |
| Construction Engineering:       | \$545,200           |                          |                                       |             |             |       |                    |                     |
| Contingencies:                  | \$1,090,400         |                          |                                       |             |             |       |                    |                     |
| Indirects:                      | \$553,923           |                          |                                       |             |             |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |             |             |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$13,627,819</b> |                          |                                       |             |             |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **17088 / 1685-01-108**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY     | PHASE | CITY | PROJECT SPONSOR        | YOE COST     |
|----------|--------|-------------|---------|-------|------|------------------------|--------------|
| Houston  | Harris | 1685-01-108 | FM 1960 | C     | NONE | TXDOT HOUSTON DISTRICT | \$10,904,000 |

STREET: FM 1960      MPO PROJECT ID: 17088  
 LIMITS FROM: SH 249      VOC: 0.70 kg/day  
 LIMITS TO: IH 45 N      NOx: 0.58 kg/day  
 TIP DESCRIPTION : INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO ITS EQUIPMENT CURRENTLY EXISTS

**Project History :** Amendment # 2040-3- 2016-04-22 Program in FY 2021 with PROP-1 funding.\*\*\* Amendment # OCT-2017- 2017-10-27 DELAY TO FY 2022 AND MODIFY FUNDING TO CAT-5 (CMAQ).\*\*\* Amendment # JAN-2021A- 2021-01-22 Advance from FY 2024 to 2022 at TxDOT's request to fiscally constrain the 2021 STIP.\*\*\* Amendment # JUL-2021- 2021-07-23 Delay from FY 2022 to FY 2024 due to project segment sequencing requirements.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\*

**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:        | \$534,296           | \$10,904,000             | CMAQ                                  | \$8,723,200 | \$2,180,800 | \$0   | \$0                | \$10,904,000        |
| Right Of Way:                   | \$0                 |                          | <b>Funding by share:</b>              | \$8,723,200 | \$2,180,800 | \$0   | \$0                | \$10,904,000        |
| Construction:                   | \$10,904,000        |                          | TDC:                                  |             |             |       |                    |                     |
| Construction Engineering:       | \$545,200           |                          |                                       |             |             |       |                    |                     |
| Contingencies:                  | \$1,090,400         |                          |                                       |             |             |       |                    |                     |
| Indirects:                      | \$553,923           |                          |                                       |             |             |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |             |             |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$13,627,819</b> |                          |                                       |             |             |       |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **17122 / 0976-03-109** **FY 2023**

| DISTRICT | COUNTY    | CSJ         | HWY    | PHASE | CITY        | PROJECT SPONSOR     | YOE COST     |
|----------|-----------|-------------|--------|-------|-------------|---------------------|--------------|
| Houston  | Galveston | 0976-03-109 | FM 518 | C     | LEAGUE CITY | CITY OF LEAGUE CITY | \$10,300,000 |

STREET: FM 518 MPO PROJECT ID: 17122  
 LIMITS FROM: PALOMINO LN VOC: 0.23 kg/day  
 LIMITS TO: WILLIAMSPORT ST NOx: 1.04 kg/day  
 TIP DESCRIPTION : CONSTRUCT 10 FOOT WIDE SHARED PATH WITH INTERSECTION IMPROVEMENTS AND PEDESTRIAN CROSSINGS

**Project History :** Amendment # APR-2022- 2022-04-22 Extend the eastern limit to Williamsport Street. Increase federal funding from \$4,031,200 to \$8,240,000. Convert local funding to state and increase from \$1,007,800 to \$2,060,000. Modify scope from 8 foot width to 10 foot width.\*\*\*

**Remarks:**

| <b>Total Project Cost Information:</b> |                     | <b>Cost of Approved Phases:</b> | <b>Authorized Funding by Category/Share:</b> |             |             |       |                    |                     |
|--|---------------------|---------------------------------|--|-------------|-------------|-------|--------------------|---------------------|
| Item                                   | Amount              |                                 | Funding Category                             | Federal     | State       | Local | Local Contribution | Funding By Category |
| Preliminary Engineering:               | \$504,700           | <b>\$10,300,000</b>             | CMAQ   | \$8,240,000 | \$2,060,000 | \$0   | \$0                | \$10,300,000        |
| Right Of Way:                          | \$0                 |                                 | <b>Funding by share:</b>                     | \$8,240,000 | \$2,060,000 | \$0   | \$0                | \$10,300,000        |
| Construction:                          | \$10,300,000        |                                 |  |             |             |       |                    |                     |
| Construction Engineering:              | \$515,000           |                                 |  |             |             |       |                    |                     |
| Contingencies:                         | \$1,030,000         |                                 |  |             |             |       |                    |                     |
| Indirects:                             | \$523,240           |                                 |  |             |             |       |                    |                     |
| Bond Financing:                        | \$0                 |                                 |  |             |             |       |                    |                     |
| <b>Total Project Cost</b>              | <b>\$12,872,940</b> |                                 |  |             |             |       |                    |                     |
|  |                     |                                 | <b>TDC: 0</b>                                |             |             |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **17122 / 0976-03-109** **FY 2023**

| DISTRICT | COUNTY    | CSJ         | HWY    | PHASE | CITY        | PROJECT SPONSOR     | YOE COST    |
|----------|-----------|-------------|--------|-------|-------------|---------------------|-------------|
| Houston  | Galveston | 0976-03-109 | FM 518 | C     | LEAGUE CITY | CITY OF LEAGUE CITY | \$5,039,000 |

STREET: FM 518 MPO PROJECT ID: 17122  
 LIMITS FROM: PALOMINO LN VOC: 0.23 kg/day  
 LIMITS TO: MAGNOLIA ESTATES DR NOx: 1.04 kg/day  
 TIP DESCRIPTION : CONSTRUCT 8 FOOT WIDE SHARED PATH WITH INTERSECTION IMPROVEMENTS AND PEDESTRIAN CROSSINGS

**Project History :**

**Remarks:**

| <b>Total Project Cost Information:</b> |                    | <b>Cost of Approved Phases:</b> | <b>Authorized Funding by Category/Share:</b> |             |       |             |                    |                     |
|--|--------------------|---------------------------------|--|-------------|-------|-------------|--------------------|---------------------|
| Item                                   | Amount             |                                 | Funding Category                             | Federal     | State | Local       | Local Contribution | Funding By Category |
| Preliminary Engineering:               | \$246,911          | <b>\$5,039,000</b>              | CMAQ   | \$4,031,200 | \$0   | \$1,007,800 | \$0                | \$5,039,000         |
| Right Of Way:                          | \$0                |                                 | <b>Funding by share:</b>                     | \$4,031,200 | \$0   | \$1,007,800 | \$0                | \$5,039,000         |
| Construction:                          | \$5,039,000        |                                 |  |             |       |             |                    |                     |
| Construction Engineering:              | \$251,950          |                                 |  |             |       |             |                    |                     |
| Contingencies:                         | \$503,900          |                                 |  |             |       |             |                    |                     |
| Indirects:                             | \$255,981          |                                 |  |             |       |             |                    |                     |
| Bond Financing:                        | \$0                |                                 |  |             |       |             |                    |                     |
| <b>Total Project Cost</b>              | <b>\$6,297,742</b> |                                 |  |             |       |             |                    |                     |
|  |                    |                                 | <b>TDC:</b>                                  |             |       |             |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **17134 / 0912-00-562** **FY 2023**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-562 | VA  | C     | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 17134  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: STBG FY 2019

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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>\$3,750,000</b>       | STBG                                  | \$3,000,000 | \$0   | \$750,000 | \$0                | \$3,750,000         |             |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |       |           |                    | \$0                 | \$3,750,000 |
| Construction:                   | \$3,750,000        |                          |                                       |             |       |           |                    |                     |             |
| Construction Engineering:       | \$0                |                          |                                       |             |       |           |                    |                     |             |
| Contingencies:                  | \$0                |                          |                                       |             |       |           |                    |                     |             |
| Indirects:                      | \$0                |                          |                                       |             |       |           |                    |                     |             |
| Bond Financing:                 | \$0                |                          |                                       |             |       |           |                    |                     |             |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |           |                    |                     |             |
|                                 |                    |                          | <b>TDC: 0</b>                         |             |       |           |                    |                     |             |

**OLD VERSION**

**MPOID / CSJ**      **17134 / 0912-00-562** **FY 2023**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-562 | VA  | C     | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 17134  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: STBG FY 2019

**Project History :** Amendment # 22- 2016-12-16 Program FYs 2019 and 2020 Air Quality Program funding.\*\*\* Amendment # APR-2019- 2019-04-05 Change sponsor from H-GAC to METRO and delay from FY 2019 to FY 2020 at METRO's request.\*\*\* Amendment # JAN - 2021- 2021-01-22 Removed from 2021 TIP at TxDOT's request to group the project to fiscally constrain 2021 STIP.\*\*\*

**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>\$3,750,000</b>       | STBG                                  | \$3,000,000 | \$0   | \$750,000 | \$0                | \$3,750,000         |             |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |       |           |                    | \$0                 | \$3,750,000 |
| Construction:                   | \$3,750,000        |                          |                                       |             |       |           |                    |                     |             |
| Construction Engineering:       | \$0                |                          |                                       |             |       |           |                    |                     |             |
| Contingencies:                  | \$0                |                          |                                       |             |       |           |                    |                     |             |
| Indirects:                      | \$0                |                          |                                       |             |       |           |                    |                     |             |
| Bond Financing:                 | \$0                |                          |                                       |             |       |           |                    |                     |             |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |           |                    |                     |             |
|                                 |                    |                          | <b>TDC:</b>                           |             |       |           |                    |                     |             |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **17140 / 0912-00-569**      **FY 2021**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-569 | VA  | C     | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA      MPO PROJECT ID: 17140  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: STBG FY 2020

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**Remarks:**

| Total Project Cost Information: |                    | Cost of Approved Phases: | Authorized Funding by Category/Share: |             |       |           |                    | Funding By Category |
|---------------------------------|--------------------|--------------------------|---------------------------------------|-------------|-------|-----------|--------------------|---------------------|
| Category                        | Amount             |                          | Funding Category                      | Federal     | State | Local     | Local Contribution |                     |
| Preliminary Engineering:        | \$0                | \$3,750,000              | STBG                                  | \$3,000,000 | \$0   | \$750,000 | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$3,000,000 | \$0   | \$750,000 | \$0                | \$3,750,000         |
| Construction:                   | \$3,750,000        |                          | TDC: 0                                |             |       |           |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |           |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |           |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |           |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **17140 / 0912-00-569**      **FY 2021**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-569 | VA  | C     | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA      MPO PROJECT ID: 17140  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: STBG FY 2020

**Project History :** Amendment # 22- 2016-12-16 Program FYs 2019 and 2020 Air Quality Program funding.\*\*\* Amendment # SEP-2019A- 2019-09-27 Change sponsor from H-GAC to Metro.\*\*\* Amendment # JAN - 2021- 2021-01-22 Removed from 2021 TIP at TxDOT's request to group the project to fiscally constrain 2021 STIP.\*\*\*

**Remarks:**

| Total Project Cost Information: |                    | Cost of Approved Phases: | Authorized Funding by Category/Share: |             |       |           |                    | Funding By Category |
|---------------------------------|--------------------|--------------------------|---------------------------------------|-------------|-------|-----------|--------------------|---------------------|
| Category                        | Amount             |                          | Funding Category                      | Federal     | State | Local     | Local Contribution |                     |
| Preliminary Engineering:        | \$0                | \$3,750,000              | STBG                                  | \$3,000,000 | \$0   | \$750,000 | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$3,000,000 | \$0   | \$750,000 | \$0                | \$3,750,000         |
| Construction:                   | \$3,750,000        |                          | TDC:                                  |             |       |           |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |           |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |           |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |           |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **17141 / 0912-00-568**      **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-568 | VA  | C     | NONE | METRO           | \$1,250,000 |

STREET: HOUSTON-GALVESTON TMA      MPO PROJECT ID: 17141  
 LIMITS FROM: VA      VOC: 3.41 kg/day  
 LIMITS TO: VA      NOx: 16.50 kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: CMAQ FY 2020: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram in the FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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:        | \$0                | \$1,250,000              | CMAQ                                  | \$1,250,000 | \$0   | \$0   | \$0                | \$1,250,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$1,250,000 | \$0   | \$0   | \$0                | \$1,250,000         |
| Construction:                   | \$1,250,000        |                          | <b>TDC: 0</b>                         |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,250,000</b> |                          |                                       |             |       |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **17141 / 0912-00-568**      **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-568 | VA  | C     | NONE | METRO           | \$1,250,000 |

STREET: HOUSTON-GALVESTON TMA      MPO PROJECT ID: 17141  
 LIMITS FROM: VA      VOC: 3.41 kg/day  
 LIMITS TO: VA      NOx: 16.50 kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: CMAQ FY 2020: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # 22- 2016-11-18 Program FYs 2019 and 2020 Air Quality Program funding.\*\*\* Amendment # SEP-2019A- 2019-09-27 Change sponsor from H-GAC to METRO.\*\*\* Amendment # MAR-2021- 2021-03-26 Program 250,000 TDCs in lieu of local match.\*\*\* Amendment # AUG-2021- 2021-08-27 Delay from FY 2021 to FY 2022.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\*

**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:        | \$0                | \$1,250,000              | CMAQ                                  | \$1,250,000 | \$0   | \$0   | \$0                | \$1,250,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$1,250,000 | \$0   | \$0   | \$0                | \$1,250,000         |
| Construction:                   | \$1,250,000        |                          | <b>TDC:</b>                           |             |       |       |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,250,000</b> |                          |                                       |             |       |       |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18020 / 0912-72-597**      **FY 2023**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE | CITY     | PROJECT SPONSOR  | YOE COST  |
|----------|--------|-------------|-----|-------|----------|------------------|-----------|
| Houston  | Harris | 0912-72-597 | CS  | C     | BELLAIRE | CITY OF BELLAIRE | \$866,743 |

STREET: BELLAIRE BLVD; BISSONNET ST; S RICE AVE; NEWCASTLE ST      MPO PROJECT ID: 18020  
 LIMITS FROM: CHIMNEY ROCK TO NEWCASTLE; CHIMNEY ROCK TO NEWCASTLE      VOC: 0.40 kg/day  
 LIMITS TO: FOURNACE PLACE TO BEECHNUT; BISSONNET TO BEECHNUT      NOx: 0.70 kg/day  
 TIP DESCRIPTION : INSTALLATION FIBER OPTIC CABLE, TWISTED-PAIR COMMUNICATION CABLE, CLOSED-CIRCUIT (CCTV) CAMERAS, DYNAMIC MESSAGE SIGNS AND LOOP DETECTOR SENSORS AT 14 EXISTING TRAFFIC SIGNALS MAINTAINED BY THE CITY OF BELLAIRE

**Project History :** Amendment # APR-2022- 2022-04-22 Delay to FY 2023 in anticipation of STIP approval.\*\*\*

**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:        | \$42,470           | <b>\$866,743</b>         | CMAQ                                  | \$693,394 | \$0   | \$173,349 | \$0                | \$866,743           |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$693,394 | \$0   | \$173,349 | \$0                | \$866,743           |
| Construction:                   | \$866,743          |                          | <b>TDC: 0</b>                         |           |       |           |                    |                     |
| Construction Engineering:       | \$78,007           |                          |                                       |           |       |           |                    |                     |
| Contingencies:                  | \$86,674           |                          |                                       |           |       |           |                    |                     |
| Indirects:                      | \$44,031           |                          |                                       |           |       |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |           |       |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,117,925</b> |                          |                                       |           |       |           |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18020 / 0912-72-597**      **FY 2022**

| DISTRICT | COUNTY | CSJ         | HWY | PHASE | CITY     | PROJECT SPONSOR  | YOE COST  |
|----------|--------|-------------|-----|-------|----------|------------------|-----------|
| Houston  | Harris | 0912-72-597 | VA  | C     | BELLAIRE | CITY OF BELLAIRE | \$866,743 |

STREET: BELLAIRE BLVD; BISSONNET ST; S RICE AVE; NEWCASTLE ST      MPO PROJECT ID: 18020  
 LIMITS FROM: CHIMNEY ROCK TO NEWCASTLE; CHIMNEY ROCK TO NEWCASTLE      VOC: 0.40 kg/day  
 LIMITS TO: FOURNACE PLACE TO BEECHNUT; BISSONNET TO BEECHNUT      NOx: 0.70 kg/day  
 TIP DESCRIPTION : INSTALLATION FIBER OPTIC CABLE, TWISTED-PAIR COMMUNICATION CABLE, CLOSED-CIRCUIT (CCTV) CAMERAS, DYNAMIC MESSAGE SIGNS AND LOOP DETECTOR SENSORS AT 14 EXISTING TRAFFIC SIGNALS MAINTAINED BY THE CITY OF BELLAIRE

**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:        | \$42,470           | <b>\$866,743</b>         | CMAQ                                  | \$693,394 | \$0   | \$173,349 | \$0                | \$866,743           |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              | \$693,394 | \$0   | \$173,349 | \$0                | \$866,743           |
| Construction:                   | \$866,743          |                          | <b>TDC:</b>                           |           |       |           |                    |                     |
| Construction Engineering:       | \$78,007           |                          |                                       |           |       |           |                    |                     |
| Contingencies:                  | \$86,674           |                          |                                       |           |       |           |                    |                     |
| Indirects:                      | \$44,031           |                          |                                       |           |       |           |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |           |       |           |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,117,925</b> |                          |                                       |           |       |           |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18031 / 0593-01-135** **FY 2023**

| DISTRICT | COUNTY  | CSJ         | HWY    | PHASE | CITY | PROJECT SPONSOR         | YOE COST     |
|----------|---------|-------------|--------|-------|------|-------------------------|--------------|
| Beaumont | Liberty | 0593-01-135 | SH 105 | C     | NONE | TXDOT BEAUMONT DISTRICT | \$12,201,625 |

STREET: SH 105 MPO PROJECT ID: 18031  
 LIMITS FROM: SH 321 W VOC: 0.14 kg/day  
 LIMITS TO: SH 321 E NOx: 0.21 kg/day  
 TIP DESCRIPTION : INCREASE PAVEMENT WIDTH AND ADD LEFT TURN BAYS AND SHOULDERS

**Project History :** Amendment # APR-2022- 2022-04-22 Delay 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:        | \$597,880           | <b>\$12,201,625</b>      | CMAQ                                  | \$9,761,300        | \$2,440,325        | \$0        | \$0                | \$12,201,625        |
| Right Of Way:                   | \$0                 |                          |                                       |                    |                    |            |                    |                     |
| Construction:                   | \$12,201,625        |                          |                                       |                    |                    |            |                    |                     |
| Construction Engineering:       | \$610,081           |                          |                                       |                    |                    |            |                    |                     |
| Contingencies:                  | \$1,220,163         |                          |                                       |                    |                    |            |                    |                     |
| Indirects:                      | \$619,843           |                          |                                       |                    |                    |            |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |                    |                    |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$15,249,591</b> |                          |                                       |                    |                    |            |                    |                     |
|                                 |                     |                          | <b>Funding by share:</b>              | <b>\$9,761,300</b> | <b>\$2,440,325</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$12,201,625</b> |
|                                 |                     |                          | <b>TDC:</b>                           | <b>0</b>           |                    |            |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18031 / 0593-01-135** **FY 2022**

| DISTRICT | COUNTY  | CSJ         | HWY    | PHASE | CITY | PROJECT SPONSOR         | YOE COST     |
|----------|---------|-------------|--------|-------|------|-------------------------|--------------|
| Beaumont | Liberty | 0593-01-135 | SH 105 | C     | NONE | TXDOT BEAUMONT DISTRICT | \$12,201,625 |

STREET: SH 105 MPO PROJECT ID: 18031  
 LIMITS FROM: SH 321 W VOC: 0.14 kg/day  
 LIMITS TO: SH 321 E NOx: 0.21 kg/day  
 TIP DESCRIPTION : INCREASE PAVEMENT WIDTH AND ADD LEFT TURN BAYS AND SHOULDERS

**Project History :** Amendment # JAN-2021A- 2021-01-22 Assign CSJ number 0593-01-135.\*\*\*

**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:        | \$597,880           | <b>\$12,201,625</b>      | CMAQ                                  | \$9,761,300        | \$2,440,325        | \$0        | \$0                | \$12,201,625        |
| Right Of Way:                   | \$0                 |                          |                                       |                    |                    |            |                    |                     |
| Construction:                   | \$12,201,625        |                          |                                       |                    |                    |            |                    |                     |
| Construction Engineering:       | \$610,081           |                          |                                       |                    |                    |            |                    |                     |
| Contingencies:                  | \$1,220,163         |                          |                                       |                    |                    |            |                    |                     |
| Indirects:                      | \$619,843           |                          |                                       |                    |                    |            |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |                    |                    |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$15,249,591</b> |                          |                                       |                    |                    |            |                    |                     |
|                                 |                     |                          | <b>Funding by share:</b>              | <b>\$9,761,300</b> | <b>\$2,440,325</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$12,201,625</b> |
|                                 |                     |                          | <b>TDC:</b>                           |                    |                    |            |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ 18085 / 0912-73-213 FY 2023**

| DISTRICT | COUNTY    | CSJ         | HWY | PHASE | CITY      | PROJECT SPONSOR  | YOE COST      |
|----------|-----------|-------------|-----|-------|-----------|------------------|---------------|
| Houston  | Galveston | 0912-73-213 | CR  | C     | GALVESTON | GALVESTON COUNTY | \$115,819,817 |

STREET: PELICAN ISLAND BRIDGE MPO PROJECT ID: 18085  
 LIMITS FROM: SH 275 VOC: kg/day  
 LIMITS TO: SEAWOLF PKWY NOx: kg/day  
 TIP DESCRIPTION : CONSTRUCT BRIDGE AT NEW LOCATION

**Project History :** Amendment # APR-2022- 2022-04-22 Program an additional \$7.5M of Category-3 State TXDOT Marine Division Texas Mobility 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:        | \$5,675,171          | \$115,819,817            | STP-MM                                | \$21,057,454 | \$0          | \$5,262,363  | \$0                | \$26,319,817        |
| Right Of Way:                   | \$0                  |                          | BRIDGE                                | \$40,000,000 | \$5,000,000  | \$5,000,000  | \$0                | \$50,000,000        |
| Construction:                   | \$115,819,817        |                          | LOCAL CONT                            | \$0          | \$0          | \$32,000,000 | \$32,000,000       | \$32,000,000        |
| Construction Engineering:       | \$4,632,793          |                          | TMF                                   | \$0          | \$7,500,000  | \$0          | \$0                | \$7,500,000         |
| Contingencies:                  | \$11,581,982         |                          |                                       |              |              |              |                    |                     |
| Indirects:                      | \$5,883,647          |                          |                                       |              |              |              |                    |                     |
| Bond Financing:                 | \$0                  |                          |                                       |              |              |              |                    |                     |
| <b>Total Project Cost</b>       | <b>\$143,593,409</b> |                          | <b>Funding by share:</b>              | \$61,057,454 | \$12,500,000 | \$10,262,363 | \$32,000,000       | \$115,819,817       |
|                                 |                      |                          | <b>TDC:</b>                           | 0            |              |              |                    |                     |

**OLD VERSION**

**MPOID / CSJ 18085 / 0912-73-213 FY 2023**

| DISTRICT | COUNTY    | CSJ         | HWY | PHASE | CITY      | PROJECT SPONSOR  | YOE COST      |
|----------|-----------|-------------|-----|-------|-----------|------------------|---------------|
| Houston  | Galveston | 0912-73-213 | CR  | C     | GALVESTON | GALVESTON COUNTY | \$108,319,817 |

STREET: PELICAN ISLAND BRIDGE MPO PROJECT ID: 18085  
 LIMITS FROM: SH 275 VOC: kg/day  
 LIMITS TO: SEAWOLF PKWY NOx: kg/day  
 TIP DESCRIPTION : CONSTRUCT BRIDGE AT NEW LOCATION

**Project History :** Amendment # AUG-2021A- 2021-08-27 Assign CSJ# 0912-73-213.\*\*\* Amendment # DEC-2021- 2021-12-17 Re-scope project to construction of a new two-lane bridge at a new location with modified funding. The existing two-lane bridge will be demolished.\*\*\*

**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:        | \$5,307,671          | \$108,319,817            | STP-MM                                | \$21,057,454 | \$0         | \$5,262,363  | \$0                | \$26,319,817        |
| Right Of Way:                   | \$0                  |                          | BRIDGE                                | \$40,000,000 | \$5,000,000 | \$5,000,000  | \$0                | \$50,000,000        |
| Construction:                   | \$108,319,817        |                          | LOCAL CONT                            | \$0          | \$0         | \$0          | \$32,000,000       | \$32,000,000        |
| Construction Engineering:       | \$4,332,793          |                          |                                       |              |             |              |                    |                     |
| Contingencies:                  | \$10,831,982         |                          |                                       |              |             |              |                    |                     |
| Indirects:                      | \$5,502,647          |                          |                                       |              |             |              |                    |                     |
| Bond Financing:                 | \$0                  |                          |                                       |              |             |              |                    |                     |
| <b>Total Project Cost</b>       | <b>\$134,294,909</b> |                          | <b>Funding by share:</b>              | \$61,057,454 | \$5,000,000 | \$10,262,363 | \$32,000,000       | \$108,319,817       |
|                                 |                      |                          | <b>TDC:</b>                           |              |             |              |                    |                     |



2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18260 / 0912-00-622** **FY 2025**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE   | CITY | PROJECT SPONSOR | YOE COST     |
|----------|----------|-------------|-----|---------|------|-----------------|--------------|
| Houston  | Multiple | 0912-00-622 | VA  | Capital | NONE | H-GAC           | \$12,656,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18260  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL TRANSIT FARE COLLECTION SYSTEM (FY 2023-2026)

**Project History :** Amendment # APR-2022- 2022-04-22 Reduce the balance by \$5M which will be used to program MPO ID 18846 METRO Regional Transit Connectivity Fares Implementation in FY 2022.\*\*\*

**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                 | \$12,656,000             | CMAQ                                  | \$12,656,000 | \$0   | \$0   | \$0                | \$12,656,000        |
| Right Of Way:                   | \$0                 |                          | <b>Funding by share:</b>              |              |       |       |                    | \$12,656,000        |
| Construction:                   | \$12,656,000        |                          | \$12,656,000                          | \$0          | \$0   | \$0   | \$0                | \$12,656,000        |
| Construction Engineering:       | \$0                 |                          |                                       |              |       |       |                    |                     |
| Contingencies:                  | \$0                 |                          |                                       |              |       |       |                    |                     |
| Indirects:                      | \$0                 |                          |                                       |              |       |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$12,656,000</b> |                          |                                       |              |       |       |                    |                     |

TDC: 0

**OLD VERSION**

**MPOID / CSJ**      **18260 / 0912-00-622** **FY 2025**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST     |
|----------|----------|-------------|-----|-------|------|-----------------|--------------|
| Houston  | Multiple | 0912-00-622 | VA  |       | NONE | H-GAC           | \$17,656,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18260  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL TRANSIT FARE COLLECTION SYSTEM (FY 2023-2026)

**Project History :** Amendment # JAN-2020- 2020-01-24 Program the remaining \$17.7M allocation of the \$20M set-aside for the Regional Transit Fare Collection System from the 2018 CFP for FYs 2023-2026. The \$2.3M FY 2020 allocation is being programmed in the TIP as MPO ID 18163.\*\*\* Amendment # SEP-2020A- 2020-09-10 Add TXDOT CSJ number 0912-00-622.\*\*\*

**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                 | \$17,656,000             | CMAQ                                  | \$17,656,000 | \$0   | \$0   | \$0                | \$17,656,000        |
| Right Of Way:                   | \$0                 |                          | <b>Funding by share:</b>              |              |       |       |                    | \$17,656,000        |
| Construction:                   | \$17,656,000        |                          | \$17,656,000                          | \$0          | \$0   | \$0   | \$0                | \$17,656,000        |
| Construction Engineering:       | \$0                 |                          |                                       |              |       |       |                    |                     |
| Contingencies:                  | \$0                 |                          |                                       |              |       |       |                    |                     |
| Indirects:                      | \$0                 |                          |                                       |              |       |       |                    |                     |
| Bond Financing:                 | \$0                 |                          |                                       |              |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$17,656,000</b> |                          |                                       |              |       |       |                    |                     |

TDC:

PHASE: C=CONSTRUCTION, E = ENGINEERING, R = ROW, T = TRANSFER

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18331 /NA**      **FY 2022**

| DISTRICT   | COUNTY    | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR                        | YOE COST              |
|--|-----------|-----|-----|-------|------|--|-----------------------|
| Houston  | Fort Bend |     | VA  |       | NONE | FORT BEND COUNTY PUBLIC TRANSPORTATION | \$462,085             |
| STREET:  |           |     |     |       |      | FORT BEND COUNTY                       | MPO PROJECT ID: 18331 |
| LIMITS FROM:   |           |     |     |       |      | VA                                     | VOC: kg/day           |
| LIMITS TO:   |           |     |     |       |      | VA                                     | NOx: kg/day           |
| TIP DESCRIPTION : PURCHASE OF ROLLING STOCK: FY 2020 |           |     |     |       |      |  |                       |

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel per sponsor request.\*\*\*

**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              | \$462,085                | URBAN                                 | \$462,085        | \$0        | \$0        | \$0                | \$462,085           |
| Right Of Way:                   | \$0              |                          |                                       |                  |            |            |                    |                     |
| Construction:                   | \$462,085        |                          |                                       |                  |            |            |                    |                     |
| Construction Engineering:       | \$0              |                          |                                       |                  |            |            |                    |                     |
| Contingencies:                  | \$0              |                          |                                       |                  |            |            |                    |                     |
| Indirects:                      | \$0              |                          |                                       |                  |            |            |                    |                     |
| Bond Financing:                 | \$0              |                          |                                       |                  |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$462,085</b> |                          | <b>Funding by share:</b>              | <b>\$462,085</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$462,085</b>    |
|                                 |                  |                          | TDC: 0                                |                  |            |            |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18331 /**      **FY 2022**

| DISTRICT   | COUNTY    | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR                        | YOE COST              |
|--|-----------|-----|-----|-------|------|--|-----------------------|
| Houston  | Fort Bend |     | VA  |       | NONE | FORT BEND COUNTY PUBLIC TRANSPORTATION | \$462,085             |
| STREET:  |           |     |     |       |      | FORT BEND COUNTY                       | MPO PROJECT ID: 18331 |
| LIMITS FROM:   |           |     |     |       |      | VA                                     | VOC: kg/day           |
| LIMITS TO:   |           |     |     |       |      | VA                                     | NOx: kg/day           |
| TIP DESCRIPTION : PURCHASE OF ROLLING STOCK: 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              | \$462,085                | URBAN                                 | \$462,085        | \$0        | \$0        | \$0                | \$462,085           |
| Right Of Way:                   | \$0              |                          |                                       |                  |            |            |                    |                     |
| Construction:                   | \$462,085        |                          |                                       |                  |            |            |                    |                     |
| Construction Engineering:       | \$0              |                          |                                       |                  |            |            |                    |                     |
| Contingencies:                  | \$0              |                          |                                       |                  |            |            |                    |                     |
| Indirects:                      | \$0              |                          |                                       |                  |            |            |                    |                     |
| Bond Financing:                 | \$0              |                          |                                       |                  |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$462,085</b> |                          | <b>Funding by share:</b>              | <b>\$462,085</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$462,085</b>    |
|                                 |                  |                          | TDC:                                  |                  |            |            |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18332 /NA**      **FY 2022**

| DISTRICT   | COUNTY    | CSJ | HWY | PHASE   | CITY | PROJECT SPONSOR                        | YOE COST              |
|--|-----------|-----|-----|---------|------|--|-----------------------|
| Houston  | Fort Bend |     | VA  | Capital | NONE | FORT BEND COUNTY PUBLIC TRANSPORTATION | \$547,921             |
| STREET:  |           |     |     |         |      | FORT BEND COUNTY                       | MPO PROJECT ID: 18332 |
| LIMITS FROM:   |           |     |     |         |      | VA                                     | VOC: kg/day           |
| LIMITS TO:   |           |     |     |         |      | VA                                     | NOx: kg/day           |
| TIP DESCRIPTION : BUS SUPPORT EQUIPMENT AND FACILITIES, CONSTRUCTION FOR WESTPARK PARK&RIDE: FY 2020 |           |     |     |         |      |  |                       |

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel per sponsor request.\*\*\*

**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              | \$547,921                | URBAN                                 | \$547,921        | \$0        | \$0        | \$0                | \$547,921           |
| Right Of Way:                   | \$0              |                          |                                       |                  |            |            |                    |                     |
| Construction:                   | \$547,921        |                          |                                       |                  |            |            |                    |                     |
| Construction Engineering:       | \$0              |                          |                                       |                  |            |            |                    |                     |
| Contingencies:                  | \$0              |                          |                                       |                  |            |            |                    |                     |
| Indirects:                      | \$0              |                          |                                       |                  |            |            |                    |                     |
| Bond Financing:                 | \$0              |                          |                                       |                  |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$547,921</b> |                          | <b>Funding by share:</b>              | <b>\$547,921</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$547,921</b>    |
|                                 |                  |                          | TDC: 0                                |                  |            |            |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18332 /**      **FY 2022**

| DISTRICT   | COUNTY    | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR                        | YOE COST              |
|--|-----------|-----|-----|-------|------|--|-----------------------|
| Houston  | Fort Bend |     | VA  |       | NONE | FORT BEND COUNTY PUBLIC TRANSPORTATION | \$547,921             |
| STREET:  |           |     |     |       |      | FORT BEND COUNTY                       | MPO PROJECT ID: 18332 |
| LIMITS FROM:   |           |     |     |       |      | VA                                     | VOC: kg/day           |
| LIMITS TO:   |           |     |     |       |      | VA                                     | NOx: kg/day           |
| TIP DESCRIPTION : BUS SUPPORT EQUIPMENT AND FACILITIES, CONSTRUCTION FOR WESTPARK PARK&RIDE: 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              | \$547,921                | URBAN                                 | \$547,921        | \$0        | \$0        | \$0                | \$547,921           |
| Right Of Way:                   | \$0              |                          |                                       |                  |            |            |                    |                     |
| Construction:                   | \$547,921        |                          |                                       |                  |            |            |                    |                     |
| Construction Engineering:       | \$0              |                          |                                       |                  |            |            |                    |                     |
| Contingencies:                  | \$0              |                          |                                       |                  |            |            |                    |                     |
| Indirects:                      | \$0              |                          |                                       |                  |            |            |                    |                     |
| Bond Financing:                 | \$0              |                          |                                       |                  |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$547,921</b> |                          | <b>Funding by share:</b>              | <b>\$547,921</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$547,921</b>    |
|                                 |                  |                          | TDC:                                  |                  |            |            |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18361 / 0912-00-629** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-629 | VA  |       | NONE | METRO           | \$1,250,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18361  
 LIMITS FROM: VA VOC: 6.54 kg/day  
 LIMITS TO: VA NOx: 31.68 kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: CMAQ FY 2021: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram in the FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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>\$1,250,000</b>       | CMAQ                                  | \$1,250,000        | \$0        | \$0        | \$0                | \$1,250,000         |
| Right Of Way:                   | \$0                |                          |                                       |                    |            |            |                    |                     |
| Construction:                   | \$1,250,000        |                          |                                       |                    |            |            |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |                    |            |            |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |                    |            |            |                    |                     |
| Indirects:                      | \$0                |                          |                                       |                    |            |            |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |                    |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,250,000</b> |                          | <b>Funding by share:</b>              | <b>\$1,250,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$1,250,000</b>  |
|                                 |                    |                          | <b>TDC: 0</b>                         |                    |            |            |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18361 / 0912-00-629** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-629 | VA  |       | NONE | METRO           | \$1,250,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18361  
 LIMITS FROM: VA VOC: 6.54 kg/day  
 LIMITS TO: VA NOx: 31.68 kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: CMAQ FY 2021: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # AUG-2020A- 2021-08-27 Change CSJ number from 0912-00-645 to 0912-00-629.\*\*\* Amendment # MAR-2021- 2021-03-26 Program 250,000 TDCs in lieu of local matching funds.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\* Amendment # NOV-2021- 2021-11-19 Delay to FY 2022 per sponsor.\*\*\*

**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>\$1,250,000</b>       | CMAQ                                  | \$1,250,000        | \$0        | \$0        | \$0                | \$1,250,000         |
| Right Of Way:                   | \$0                |                          |                                       |                    |            |            |                    |                     |
| Construction:                   | \$1,250,000        |                          |                                       |                    |            |            |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |                    |            |            |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |                    |            |            |                    |                     |
| Indirects:                      | \$0                |                          |                                       |                    |            |            |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |                    |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,250,000</b> |                          | <b>Funding by share:</b>              | <b>\$1,250,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$1,250,000</b>  |
|                                 |                    |                          | <b>TDC:</b>                           |                    |            |            |                    |                     |

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18362 / 0912-00-630** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-630 | VA  |       | NONE | METRO           | \$1,250,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18362  
 LIMITS FROM: VA VOC: 3.41 kg/day  
 LIMITS TO: VA NOx: 16.50 kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: CMAQ FY 2022: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # APR-2022- 2022-04-22 Cancel and reprogram in the FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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                | \$1,250,000              | CMAQ                                  | \$1,250,000        | \$0        | \$0        | \$0                | \$1,250,000         |
| Right Of Way:                   | \$0                |                          |                                       |                    |            |            |                    |                     |
| Construction:                   | \$1,250,000        |                          |                                       |                    |            |            |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |                    |            |            |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |                    |            |            |                    |                     |
| Indirects:                      | \$0                |                          |                                       |                    |            |            |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |                    |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,250,000</b> |                          | <b>Funding by share:</b>              | <b>\$1,250,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$1,250,000</b>  |
|                                 |                    |                          | TDC: 0                                |                    |            |            |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18362 / 0912-00-630** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-630 | VA  |       | NONE | METRO           | \$1,250,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18362  
 LIMITS FROM: VA VOC: 3.41 kg/day  
 LIMITS TO: VA NOx: 16.50 kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: CMAQ FY 2022: promotional activities to increase awareness and participation in vanpool program

**Project History :** Amendment # MAR-2021- 2021-03-26 Program 250,000 TDCs in lieu of local matching funds.\*\*\* Amendment # MAY-2021A- 2021-05-21 Add CSJ# 0912-00-630.\*\*\* Amendment # SEP-2021A- 2021-09-24 Clarify project description.\*\*\*

**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                | \$1,250,000              | CMAQ                                  | \$1,250,000        | \$0        | \$0        | \$0                | \$1,250,000         |
| Right Of Way:                   | \$0                |                          |                                       |                    |            |            |                    |                     |
| Construction:                   | \$1,250,000        |                          |                                       |                    |            |            |                    |                     |
| Construction Engineering:       | \$0                |                          |                                       |                    |            |            |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |                    |            |            |                    |                     |
| Indirects:                      | \$0                |                          |                                       |                    |            |            |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |                    |            |            |                    |                     |
| <b>Total Project Cost</b>       | <b>\$1,250,000</b> |                          | <b>Funding by share:</b>              | <b>\$1,250,000</b> | <b>\$0</b> | <b>\$0</b> | <b>\$0</b>         | <b>\$1,250,000</b>  |
|                                 |                    |                          | TDC:                                  |                    |            |            |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18365 / 0912-00-638** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-638 | VA  |       | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18365  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: STBG FY 2021

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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>\$3,750,000</b>       | STBG                                  | \$3,750,000 | \$0   | \$0   | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |       |       |                    |                     |
| Construction:                   | \$3,750,000        |                          | \$3,750,000                           | \$0         | \$0   | \$0   | \$0                | \$3,750,000         |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |       |                    |                     |
|                                 |                    |                          | <b>TDC: 0</b>                         |             |       |       |                    |                     |

**OLD VERSION**

**MPOID / CSJ**      **18365 / 0912-00-638** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-638 | VA  |       | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18365  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: STBG FY 2021

**Project History :** Amendment # MAR-2021- 2021-03-26 Remove from 2021 TIP and list in TXDOT Transit Improvements Statewide Program (CSJ 5000-00-918) at TxDOT's request to demonstrate 2021 STIP fiscal constraint.\*\*\*

**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>\$3,750,000</b>       | STBG                                  | \$3,750,000 | \$0   | \$0   | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |       |       |                    |                     |
| Construction:                   | \$3,750,000        |                          | \$3,750,000                           | \$0         | \$0   | \$0   | \$0                | \$3,750,000         |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |       |                    |                     |
|                                 |                    |                          | <b>TDC:</b>                           |             |       |       |                    |                     |

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18366 / 0912-00-639** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-639 | VA  |       | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18366  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: STBG FY 2022

**Project History :** Amendment # APR-2022- 2022-04-22 Ungroup from TXDOT Statewide Program and cancel in order to reprogram funds in FY 2022 Electric Bus Purchase MPO ID 15243.\*\*\*

**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>\$3,750,000</b>       | STBG                                  | \$3,750,000 | \$0   | \$0   | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |       |       |                    |                     |
| Construction:                   | \$3,750,000        |                          | \$3,750,000                           | \$0         | \$0   | \$0   | \$3,750,000        |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |       |                    |                     |

TDC: 0

**OLD VERSION**

**MPOID / CSJ**      **18366 / 0912-00-639** **FY 2022**

| DISTRICT | COUNTY   | CSJ         | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-------------|-----|-------|------|-----------------|-------------|
| Houston  | Multiple | 0912-00-639 | VA  |       | NONE | METRO           | \$3,750,000 |

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18366  
 LIMITS FROM: VA VOC: kg/day  
 LIMITS TO: VA NOx: kg/day  
 TIP DESCRIPTION : REGIONAL VANPOOL: STBG FY 2022

**Project History :** Amendment # JAN - 2021 - 2021-01-22 Removed from 2021 TIP at TxDOT's request to group the project in the Statewide Transit Program in order to fiscally constrain the 2021 STIP.\*\*\*

**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>\$3,750,000</b>       | STBG                                  | \$3,750,000 | \$0   | \$0   | \$0                | \$3,750,000         |
| Right Of Way:                   | \$0                |                          | <b>Funding by share:</b>              |             |       |       |                    |                     |
| Construction:                   | \$3,750,000        |                          | \$3,750,000                           | \$0         | \$0   | \$0   | \$3,750,000        |                     |
| Construction Engineering:       | \$0                |                          |                                       |             |       |       |                    |                     |
| Contingencies:                  | \$0                |                          |                                       |             |       |       |                    |                     |
| Indirects:                      | \$0                |                          |                                       |             |       |       |                    |                     |
| Bond Financing:                 | \$0                |                          |                                       |             |       |       |                    |                     |
| <b>Total Project Cost</b>       | <b>\$3,750,000</b> |                          |                                       |             |       |       |                    |                     |

TDC:

17-Mar-22

2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18515 / 0188-09-051**      **FY 2022**

| DISTRICT  | COUNTY    | CSJ         | HWY    | PHASE | CITY | PROJECT SPONSOR        | YOE COST     |
|---|-----------|-------------|--------|-------|------|------------------------|--------------|
| Houston   | Fort Bend | 0188-09-051 | FM 723 | C     | NONE | TXDOT HOUSTON DISTRICT | \$62,000,000 |
| STREET:   |           |             |        |       |      | MPO PROJECT ID:        | 18515        |
| LIMITS FROM:  |           |             |        |       |      | VOC:                   | kg/day       |
| LIMITS TO:  |           |             |        |       |      | NOx:                   | kg/day       |
| TIP DESCRIPTION : WIDEN FROM 2 TO 4-LANES DIVIDED ROADWAY |           |             |        |       |      |                        |              |

**Project History :** Amendment # APR-2022- 2022-04-22 Add \$5.0M of local funding from Fort Bend County\*\*\*

**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:        | \$3,038,000         | \$62,000,000             | METRO-TMA                             | \$45,600,000 | \$11,400,000 | \$0         | \$0                 | \$57,000,000       |
| Right Of Way:                   | \$0                 |                          | LOCAL CONT                            | \$0          | \$0          | \$5,000,000 | \$5,000,000         | \$5,000,000        |
| Construction:                   | \$62,000,000        |                          | <b>Funding by share:</b>              | \$45,600,000 | \$11,400,000 | \$0         | \$5,000,000         | \$62,000,000       |
| Construction Engineering:       | \$2,480,000         |                          |                                       |              |              |             |                     |                    |
| Contingencies:                  | \$6,200,000         |                          |                                       |              |              |             |                     |                    |
| Indirects:                      | \$3,149,600         |                          |                                       |              |              |             |                     |                    |
| Bond Financing:                 | \$0                 |                          |                                       |              |              |             |                     |                    |
| <b>Total Project Cost</b>       | <b>\$76,867,600</b> |                          |                                       |              |              |             |                     |                    |

TDC: 0

**OLD VERSION**

**MPOID / CSJ**      **18515 / 0188-09-051**      **FY 2022**

| DISTRICT  | COUNTY    | CSJ         | HWY    | PHASE | CITY | PROJECT SPONSOR        | YOE COST     |
|---|-----------|-------------|--------|-------|------|------------------------|--------------|
| Houston   | Fort Bend | 0188-09-051 | FM 723 | C     | NONE | TXDOT HOUSTON DISTRICT | \$57,000,000 |
| STREET:   |           |             |        |       |      | MPO PROJECT ID:        | 18515        |
| LIMITS FROM:  |           |             |        |       |      | VOC:                   | kg/day       |
| LIMITS TO:  |           |             |        |       |      | NOx:                   | kg/day       |
| TIP DESCRIPTION : WIDEN FROM 2 TO 4-LANES DIVIDED ROADWAY |           |             |        |       |      |                        |              |

**Project History :** Amendment # FEB-2020- 2020-02-28 Split out southern section of 981/0188-09-040 as MPOID 18515/CSJ 0188-09-051. Overall limits remain the same. Overall funding increases by \$30M as a result of multiple design changes.\*\*\* Amendment # JAN-2021A- 2021-01-22 Delayed from FY 2022 to 2023 at TxDOT's request to fiscally constrain 2021 STIP.\*\*\* Amendment # DEC-2021- 2021-12-17 Advance from FY 2023 to FY 2022.\*\*\* Amendment # APR-2022- 2022-04-22 Add \$5.0M of local funding from Fort Bend County.\*\*\*

**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:        | \$2,793,000         | \$57,000,000             | METRO-TMA                             | \$45,600,000 | \$11,400,000 | \$0         | \$0                 | \$57,000,000       |
| Right Of Way:                   | \$0                 |                          | LOCAL CONT                            | \$0          | \$0          | \$5,000,000 | \$5,000,000         | \$5,000,000        |
| Construction:                   | \$57,000,000        |                          | <b>Funding by share:</b>              | \$45,600,000 | \$11,400,000 | \$0         | \$0                 | \$57,000,000       |
| Construction Engineering:       | \$2,280,000         |                          |                                       |              |              |             |                     |                    |
| Contingencies:                  | \$5,700,000         |                          |                                       |              |              |             |                     |                    |
| Indirects:                      | \$2,895,600         |                          |                                       |              |              |             |                     |                    |
| Bond Financing:                 | \$0                 |                          |                                       |              |              |             |                     |                    |
| <b>Total Project Cost</b>       | <b>\$70,668,600</b> |                          |                                       |              |              |             |                     |                    |

TDC:



2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM  
2040 REGIONAL TRANSPORTATION PLAN

April 2022 - TPC Amendments

**PROPOSED VERSION**

**MPOID / CSJ**      **18846 /0912-00-670**      **FY 2022**

| DISTRICT | COUNTY   | CSJ | HWY | PHASE   | CITY | PROJECT SPONSOR | YOE COST    |
|----------|----------|-----|-----|---------|------|-----------------|-------------|
| Houston  | Multiple |     | VA  | Capital | NONE | METRO           | \$5,000,000 |

STREET: HOUSTON-GALVESTON TMA      MPO PROJECT ID: 18846  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : CONTINUED IMPLEMENTATION OF A REGIONAL SEAMLESS FARE SYSTEM AND SUPPORTING PROJECT ELEMENTS INCLUDING DATA MANAGEMENT, A MOBILE TICKETING APP AND RELATED EQUIPMENT, AND DEVELOPMENT OF A FARE POLICY

**Project History :** Amendment # APR-2022- 2022-04-22 Program a new project in FY 2022 from FY 2025 \$17.7M placeholder MPO ID 18260.

**\*\*\* 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>\$5,000,000</b>              | CMAQ   | \$5,000,000 | \$0   | \$0   | \$0                | \$5,000,000                |
| Right Of Way:                          | \$0                |                                 | <b>Funding by share:</b>                     |             |       |       |                    | \$5,000,000                |
| Construction:                          | \$5,000,000        |                                 |  |             |       |       |                    |                            |
| Construction Engineering:              | \$0                |                                 |  |             |       |       |                    |                            |
| Contingencies:                         | \$0                |                                 |  |             |       |       |                    |                            |
| Indirects:                             | \$0                |                                 |  |             |       |       |                    |                            |
| Bond Financing:                        | \$0                |                                 |  |             |       |       |                    |                            |
| <b>Total Project Cost</b>              | <b>\$5,000,000</b> |                                 |  |             |       |       |                    |                            |
|  |                    |                                 | <b>TDC: 1,000,000</b>                        |             |       |       |                    |                            |

**OLD VERSION**

**MPOID / CSJ**      **/**      **FY**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|----------|--------|-----|-----|-------|------|-----------------|----------|
|----------|--------|-----|-----|-------|------|-----------------|----------|

STREET:      MPO PROJECT ID: 18846  
 LIMITS FROM:      VOC: kg/day  
 LIMITS TO:      NOx: kg/day  
 TIP DESCRIPTION :

**Project History :**

**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:               |  |                                 |  |         |       |       |                    |                            |
| Right Of Way:                          |  |                                 | <b>Funding by share:</b>                     |         |       |       |                    |                            |
| Construction:                          |  |                                 |  |         |       |       |                    |                            |
| Construction Engineering:              |  |                                 |  |         |       |       |                    |                            |
| Contingencies:                         |  |                                 |  |         |       |       |                    |                            |
| Indirects:                             |  |                                 |  |         |       |       |                    |                            |
| Bond Financing:                        |  |                                 |  |         |       |       |                    |                            |
| <b>Total Project Cost</b>              |  |                                 |  |         |       |       |                    |                            |
|  |  |                                 | <b>TDC:</b>                                  |         |       |       |                    |                            |