H-GAC 2019-2022 TIP and 2045 RTP

October 2019 TPC Amendments

| | | | | | | | Proposed | l Modifica | atio | าร | | |
|--------------------|----------------|--|------|----------|----------|-----------|-----------|------------|----------|-------------|----------|----------|
| | | | Proj | | | Fund | ing (M) | | | | | |
| MPOID/CSJ | Sponsor/County | Project | Туре | STIP? | | Fed/State | Local | | | Scope | | Schedule |
| <u>11779</u> | GULF COAST | GULF COAST CENTE (VA, VA) | Т | STIP | 7 | + \$0.2 | | 33K | 7 | Add to TIP. | 7 | FY 2020 |
| | CENTER (GAL) | BUS & BUS FACILITIES PROGRAM (5339): FY | | | | | | TDCs | | | | |
| <u>11916</u> | H-GAC (MUL) | HOUSTON-GALVESTO (VA, VA) | R | STIP | ~ | | | Cat-7 to | 7 | Clarify. | | |
| 0912-00-558 | | EXPANSION OF REGIONAL FREEWAY INCIDENT M | | | | | | Cat-5 | | | | |
| 14242 | HCTRA (HAR) | SH 99 (AT SH 249,) | R | STIP | V | | + \$110.0 | | V | Add to TIP. | √ | FY 2020 |
| <u>3510-06-007</u> | | Construct Direct Connectors (EB/SB, WB/S | | | | | | | | | | |
| <u>17044</u> | TXDOT HOUSTON | SH 6 (FORT BEND PA, SH 288) | R | STIP | | | | | ✓ | Clarify. | | |
| <u>0192-01-099</u> | DISTRICT (FOR) | INSTALL NEW ITS EQUIPMENT AND INFRASTRUC | | | | | | | | | | |
| <u>17051</u> | TXDOT HOUSTON | FM 1960 (AT ELDRIDGE,) | R | STIP | ✓ | | | Cat-2 to | ✓ | Clarify. | | |
| 1685-01-092 | DISTRICT (HAR) | INTERSECTION IMPROVEMENTS AND APPROACHES | | | | | | Cat-5 | | | | |
| <u>17064</u> | TXDOT HOUSTON | IH 45 (WALKER C/L, LEAGUE LINE) | R | STIP | V | | | Cat-2 to | √ | Clarify. | | |
| 0675-08-111 | DISTRICT (MON) | INSTALL NEW ITS EQUIPMENT AND INFRASTRUC | | | | | | Cat-5 | | | | |
| <u>17076</u> | TXDOT HOUSTON | US 90A (FORT BEND C/, IH 610 S) | R | STIP | | | | | V | Clarify. | | |
| 0027-09-104 | DISTRICT (HAR) | INSTALL NEW ITS EQUIPMENT AND INFRASTRUC | | | | | | | | | | |
| <u>18503</u> | TXDOT HOUSTON | SL 8 (W OF HARDY T, E OF HARDY T) | R | STIP | < | + \$0.8 | + \$0.2 | | ~ | Add to TIP. | 7 | FY 2020 |
| <u>0912-72-574</u> | DISTRICT (HAR) | Re-stripe SL 8 to add lanes from 6-lanes | | | | | | | | | | |
| <u>13652</u> | H-GAC (HAR) | IH 45 N (IH 610, IH 10) | 0 | Non-STIP | ~ | + \$1.5 | | 300K | ✓ | Add to TIP. | 7 | FY 2020 |
| 5000-00-950 | | NORTH HOUSTON HIGHWAY IMPROVEMENT PROJEC | | | | | | TDCs | | | | |

HOUSTON-GALVESTON MPO 2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM

October 2019 TPC Amendments

Projects Affected (MPOID (CS|)):

11779 (N/A)

11916 (0912-00-558)

13652 (5000-00-950)

14242 (3510-06-007)

17044 (0192-01-099)

17051 (1685-01-092)

17064 (0675-08-111)

17076 (0027-09-104)

18503 (0912-72-574)

Summary of Modifications:

| Modification Type: | Funding | Scope | Schedule |
|--------------------|---------|----------------|----------|
| Affected Projects: | 7 | 9 | 3 |
| Notes: | | Add or clarify | Add |

Financial Constraint Statement:

This amendment is consistent with fiscal constraint requirements.

Air Quality Conformity Statement:

Projects covered by this amendment are included in the 2045 RTP and the resulting air quality conformity analysis or are exempt from regional emissions analysis.

Attachments:

- I. Summary of Proposed Changes
- 2. Detailed Project Listing

Approved By:

Alan Clark MPO Director

an Clark L

Houston-Galveston Area Council

Andrew Mao, P.E.

Director of Advanced Planning

TxDOT, Houston District

Honorable Tom Reid

Secretary

Transportation Policy Council

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PF | OJECT SPONS | OR | | YOE COST |
|--|---|------------------|-----------------------------|----------------|--------------------------------------|----------------------|---|-------------------|---|--|
| HOUSTON | GALVESTON | | VA | Т | TEXAS CITY | GL | JLF COAST CENT REV DATE: | ER 11/2019 | | \$166,900 |
| STREET: | GULF COAST CENTER | SERVICE AREA | | | | | MPO PROJE | CT ID: | 11779 | |
| LIMITS FROM: | VA | | | | | | FUNDING (| CATEGORY: | 5339 | |
| LIMITS TO: | VA | | | | | | MTP REFER | ENCE: | | |
| TIP DESCRIPTION: | BUS & BUS FACILITIES | PROGRAM (533 | 39): FY 2017 | | | | | | | |
| | | | | - | | | | | | . — |
| REMARKS: | 33,380 TDCs | | | | Project History | Allocation | | - | nm the FY 2017 TXI 339) Program awar | |
| | 33,380 TDCs ct Cost Information: | | | | | Allocation 1 | for the Bus & Bus | Facilities (FTA 5 | 339) Program awar | d. TXDOT awarde |
| Total Projec | ct Cost Information: | Approved | | | | Allocation 1 | for the Bus & Bus Cs as the match. | Facilities (FTA 5 | | d. TXDOT awarde |
| Total Project Preliminary Engine Right Of Way: | ct Cost Information: eering: | Approved Phases: | Sec. 5339; | | Autho | Allocation 33,380 TD | for the Bus & Bus Cs as the match. ing by Catego | Facilities (FTA 5 | 339) Program awar Local | d. TXDOT awarde Funding By Category |
| Total Projec Preliminary Engine Right Of Way: Construction: | ct Cost Information: eering: \$166,900 | Approved | | | Autho Federal \$166,900 | Allocation 33,380 TD | for the Bus & Bus Cs as the match. ing by Catego Regional | ry/Share: | 339) Program awar Local Contribution | d. TXDOT awarde Funding By Categor; \$166,90 |
| Total Project Preliminary Engine Right Of Way: Construction: Construction Engi | ct Cost Information: eering: \$166,900 neering: | Approved Phases: | Sec. 5339: Funding by SI | hare: | Autho Federal | Allocation 33,380 TD | for the Bus & Bus Cs as the match. ing by Catego Regional | ry/Share: | 339) Program awar Local Contribution | d. TXDOT awarde Funding By Categor; \$166,90 |
| Total Project Preliminary Engine Right Of Way: Construction: Construction Engine Contingencies: | ct Cost Information: eering: \$166,900 neering: | Approved Phases: | | hare: | Autho Federal \$166,900 | Allocation 33,380 TD | for the Bus & Bus Cs as the match. ing by Catego Regional | ry/Share: | 339) Program awar Local Contribution | d. TXDOT awarde |
| Total Project Preliminary Engine Right Of Way: Construction: Construction Engi Contingencies: Indirects: Bond Financing: | ct Cost Information: eering: \$166,900 neering: | Approved Phases: | | hare: | Autho Federal \$166,900 | Allocation 33,380 TD | for the Bus & Bus Cs as the match. ing by Catego Regional | ry/Share: | 339) Program awar Local Contribution | d. TXDOT awarde Funding By Category \$166,900 |

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

OCTOBER 2019 MODIFICATIONS AND PREVIEWS

PROPOSED VERSION MPOID/CSJ: 11916/0912-00-558 **FY 2020** DISTRICT HWY PHASE PROJECT SPONSOR YOE COST COUNTY CSI CITY **HOUSTON MULTIPLE** 0912-00-558 VΑ \mathcal{C} NONE H-GAC \$8,000,000 REV DATE: 11/2019 HOUSTON-GAI VESTON TMA 11916 STREET: MPO PROJECT ID: **FUNDING CATEGORY:** LIMITS FROM: MTP REFERENCE: LIMITS TO: TIP **EXPANSION OF REGIONAL FREEWAY INCIDENT MANAGEMENT: FY 2020** DESCRIPTION: REMARKS: 1,600,000 TDCs Project History: Amendment #OCT-2019 - 10/25/19 - Change funding from Cat-7 Surface Transportation Block Grant to Cat-5 Congestion Mitigation/Air Quality and clarify scope. *** Amendment #OCT-2018A - 10/26/18 - Delay from FY 2019 to FY 2020 per sponsor request. *** Amendment #APR-2017 - 4/28/17 - Apply 1,600,000 TDCs to satisfy non-federal match. TDCs reduce program admin and TxDOT oversight costs of documentation and review of in-kind contributions. *** Amendment #25 -12/16/16 - Add CSJ number. **Total Project Cost Information:** Cost of Authorized Funding by Category/Share: Local **Funding Approved** Preliminary Engineering: Federal Regional Local Contribution By Category Phases: Right Of Way: 5-CMAO \$8,000,000 \$8,000,000 \$8,000,000 \$8,000,000 Construction: \$8,000,000 \$8,000,000 Construction Engineering: Funding by Share: Contingencies: Indirects: Bond Financing: \$8,000,000 **Total Project Cost: OLD VERSION** MPOID/CSI: 11916/0912-00-558 **FY 2020** DISTRICT COUNTY CSJ **HWY PHASE** CITY **PROJECT SPONSOR YOE COST** HOUSTON NONE **MULTIPLE** 0912-00-558 VA $\overline{}$ H-GAC \$8,000,000 REV DATE: 07/2018 STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 11916 LIMITS FROM: **FUNDING CATEGORY:** 7 LIMITS TO: ٧A MTP REFERENCE: **REGIONAL FREEWAY INCIDENT MANAGEMENT-TOWING (FY 2020)** TIP **DESCRIPTION:** REMARKS: Amendment #OCT-2019 - 10/25/19 - Change funding from Cat-7 Surface Project History: Transportation Block Grant to Cat-5 Congestion Mitigation/Air Quality and clarify scope. *** Amendment #OCT-2018A - 10/26/18 - Delay from FY 2019 to FY 2020 per sponsor request. *** Amendment #APR-2017 - 4/28/17 - Apply 1,600,000 TDCs to satisfy non-federal match. TDCs reduce program admin and TxDOT oversight costs of documentation and review of in-kind contributions. *** Amendment #25 - I2/I6/I6 - Add CSJ number. Cost of Authorized Funding by Category/Share: **Total Project Cost Information:** Local Funding **Approved** Preliminary Engineering: Federal State Regional Local Contribution By Category Phases: Right Of Way: \$8,000,000 7-STBG: \$8,000,000 \$8,000,000 \$8,000,000 Construction: \$8,000,000 \$8,000,000 Construction Engineering: Funding by Share: Contingencies: Indirects: Bond Financing: \$8,000,000 **Total Project Cost:**

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

| MPOID/C | SJ: 14242/ | 3510-06-0 | 007 | | | | | | | | FY 202 |
|---|--|---|-------------------------------|--------------------------|----------|--------------------------|--|--|---|---|-----------------------------------|
| DISTRICT | COUNTY | CSJ | 1 | HWY | PHASE | CITY | PF | OJECT SPOR | NSOR | | YOE COST |
| HOUSTON | HARRIS | 3510-06-0 | .007 | SH 99 | C,E | NONE | НС | TRA REV DAT | E: 11/2019 | | \$110,000,000 |
| STREET: | SH 99 | | | | | | | MPO PRO | DECT ID: | 14242 | |
| LIMITS FROM: | AT SH 249 | | | | | | | FUNDING | G CATEGORY: | 3 | |
| LIMITS TO: | | | | | | | | MTP REFE | RENCE: | | |
| TIP DESCRIPTION: | CONSTRUCT [| DIRECT CONN | NECTORS (| EB/SB, WB/SB, | NB/WB, N | IB/EB) | | | | | |
| | | | | | г | | | | | | |
| | | | | | | Project History | funded HC | TRA project. ** | * Amendment #O | m in FY 2020 of the CT-2017 - 10/27/17 DOT and HCTRA. | , |
| REMARKS: | ect Cost Informa | ation: C | Cost of | , | | | funded HC 2025 to FY | TRA project. ** | * Amendment #O tion funded by Tx | CT-2017 - 10/27/17 DOT and HCTRA. | - Advance from F |
| REMARKS: Total Proje Preliminary Engine | | 96,166 A p | proved | | | | funded HC 2025 to FY | TRA project. ** 2019. Construc | * Amendment #O tion funded by Tx | CT-2017 - 10/27/17 | - Advance from F |
| REMARKS: Total Proje Preliminary Engin Right Of Way: | eering: \$1,9 | 96,166 A pp | proved hases: | 3-LOCAL: | | Auth | funded HC 2025 to FY orized Fund | TRA project. ** 2019. Constructing by Cates | * Amendment #O tion funded by Tx gory/Share: | CT-2017 - 10/27/17 DOT and HCTRA. Local | - Advance from Fi |
| Total Proje Preliminary Engin Right Of Way: Construction: | seering: \$1,9 | 96,166 App Pi 000,000 \$110 | proved | 3-LOCAL: | | Autho | funded HC 2025 to FY prized Fund State | TRA project. ** 2019. Constructing by Cates Regional | * Amendment #O tion funded by Tx gory/Share: Local (\$110,000,000 | CT-2017 - 10/27/17 DOT and HCTRA. Local Contribution | Funding By Category \$110,000,000 |
| Total Proje Preliminary Engin Right Of Way: Construction: | seering: \$1,9 | 96,166 A pp | proved hases: 0,000,000 | 3-LOCAL: Funding by S | ihare: | Auth o Federal | funded HC 2025 to FY prized Fund State | TRA project. ** 2019. Constructing by Cates Regional | * Amendment #O tion funded by Tx gory/Share: | CT-2017 - 10/27/17 DOT and HCTRA. Local Contribution | Funding By Category \$110,000,000 |
| Total Proje Preliminary Engin Right Of Way: Construction: Construction Eng | \$1,9 \$100 gineering: \$10 | 96,166 App Pi 000,000 \$110 | proved hases: 0,000,000 | | ihare: | Autho | funded HC 2025 to FY prized Fund State | TRA project. ** 2019. Constructing by Cates Regional | * Amendment #O tion funded by Tx gory/Share: Local (\$110,000,000 | CT-2017 - 10/27/17 DOT and HCTRA. Local Contribution | Funding By Category \$110,000,000 |
| Total Proje Preliminary Engin Right Of Way: Construction: Construction Eng Contingencies: | \$1,9 \$100, gineering: \$10, \$5,2 | 96.166 App Pt 0000,000 \$110 | proved hases: 0,000,000 | | ihare: | Autho | funded HC 2025 to FY prized Fund State | TRA project. ** 2019. Constructing by Cates Regional | * Amendment #O tion funded by Tx gory/Share: Local (\$110,000,000 | CT-2017 - 10/27/17 DOT and HCTRA. Local Contribution | Funding By Category \$110,000,000 |
| REMARKS: | \$1,9 \$100, gineering: \$10, \$5,2 | 96,166 PI 000,000 \$110 000,000 53,069 | proved hases: 0,000,000 | | ihare: | Autho | funded HC 2025 to FY prized Fund State | TRA project. ** 2019. Constructing by Cates Regional | * Amendment #O tion funded by Tx gory/Share: Local (\$110,000,000 | CT-2017 - 10/27/17 DOT and HCTRA. Local Contribution | - Advance from Fi |

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

OCTOBER 2019 MODIFICATIONS AND PREVIEWS

PROPOSED VERSION MPOID/CSJ: 17044/0192-01-099 **FY 2020** DISTRICT COUNTY HWY PHASE PROJECT SPONSOR YOE COST CITY CSI **HOUSTON** FORT BEND 0192-01-099 SH₆ С **ARCOLA TXDOT HOUSTON DISTRICT** \$5,826,000 REV DATE: 11/2019 17044 STREET: SH 6 MPO PROJECT ID: FUNDING CATEGORY: LIMITS FROM: FORT BEND PARKWAY TOLLWAY 5 MTP REFERENCE: LIMITS TO: SH 288 TIP **INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE** NOx (KG/DAY): 0.211 VOC (KG/DAY): 0.066 DESCRIPTION: REMARKS: Project History: Amendment #OCT-2019 - 10/25/19 - Make clarification of project scope. *** Amendment #OCT-2017 - 10/27/17 - Delay from FY2018 to FY 2019, modify limits to include missing segment between Brazoria C/L and SH 288 and modify funding to Cost of **Total Project Cost Information:** Authorized Funding by Category/Share: Local Funding **Approved** Preliminary Engineering: \$285,474 Federal State Regional Local Contribution By Category Phases: Right Of Way: 5-CMAO \$4,660,800 \$1 165 200 \$5.826.000 \$5.826.000 \$5,826,000 Construction: \$1,165,200 \$5,826,000 \$291,300 \$4,660,800 Construction Engineering: Funding by Share: Contingencies: \$582,600 Indirects: \$295.961 Bond Financing: \$7,281,335 **Total Project Cost: OLD VERSION** MPOID/CSJ: 17044/0192-01-099 **FY 2020** DISTRICT COUNTY CSI **HWY** PHASE CITY **PROJECT SPONSOR** YOE COST **HOUSTON** FORT BEND 0192-01-099 SH 6 C **ARCOLA** TXDOT HOUSTON DISTRICT \$5,826,000 REV DATE: 05/2018 17044 STREET: MPO PROJECT ID: SH₆ LIMITS FROM: FORT BEND PARKWAY TOLLWAY **FUNDING CATEGORY:** 5 LIMITS TO: SH 288 MTP REFERENCE: TIP INSTALL ITS EQUIPMENT AND INFRASTRUCTURE (144-STRAND FIBER TRUNK LINE, CLOSED NOx (KG/DAY): 0.211 VOC (KG/DAY): 0.066 **DESCRIPTION:** CIRCUIT CAMERAS, DYNAMIC MESSAGE SIGNS AND TRAVEL TIME READERS) REMARKS: Project History: Amendment #OCT-2019 - 10/25/19 - Make clarification of project scope. *** Amendment #OCT-2017 - 10/27/17 - Delay from FY2018 to FY 2019, modify limits to include missing segment between Brazoria C/L and SH 288 and modify funding to CMAQ. Cost of **Total Project Cost Information: Authorized Funding by Category/Share:** Local Funding **Approved** Preliminary Engineering: \$285,474 Federal State Regional Local Contribution By Category Phases: Right Of Way: \$4,660,800 5-CMAO: \$1,165,200 \$5,826,000 Construction: \$5.826.000 \$5.826,000 Construction Engineering: \$291,300 \$4,660,800 \$1,165,200 \$5.826.000 Funding by Share: Contingencies: \$582,600 Indirects: \$295,961 Bond Financing:

\$7,281,335

Total Project Cost:

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

OCTOBER 2019 MODIFICATIONS AND PREVIEWS

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|------------------|----|
| PROPOSED VERSIOI | ĸ. |

MPOID/CSJ: 17051/1685-01-092 **FY 2020**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------|----------------|-----------------------------------|---------|-------|-----------------------------|--|--------------------|
| HOUSTON | HARRIS | 1685-01-092 | FM 1960 | С | NONE | TXDOT HOUSTON DISTRICT REV DATE: 11/2019 | \$14,991,000 |
| STREET: | FM 1960 | | | | | MPO PROJECT ID: 1705 | 1 |
| LIMITS FROM: | AT ELDRIDGE PK | XWY | | | | FUNDING CATEGORY: 5 | |
| LIMITS TO: | | | | | | MTP REFERENCE: | |
| TIP DESCRIPTION: | | MPROVEMENTS AN NES AND BICYCLE | | | AISED MEDIAN, DUA (TIONS | IL LEFT AND NOx (KG/DAY): 0.160 V | OC (KG/DAY): 0.020 |

REMARKS:

Project History: Amendment #OCT-2019 - 9/27/19 - Change funding from Cat-2 Metropolitan and Urban Area Corridor to Cat-5 Congestion Mitigation/Air Quality and clarify scope. *** Amendment #OCT-2017 - 10/27/17 - MODIFY CAT-2 FUNDING TO REFLECT

POTENTIAL USE OF FEDERAL FUNDS. *** Amendment #JUL-2017A - 7/28/17 -

Delay to FY2019.

| Total Project Cost | Information: |
|---------------------------|--------------|
| Preliminary Engineering: | \$734,559 |
| Right Of Way: | \$4,166,000 |
| Construction: | \$14,991,000 |
| Construction Engineering: | \$749,550 |
| Contingencies: | \$1,499,100 |
| Indirects: | \$761,543 |
| Bond Financing: | |
| Total Project Cost: | \$22,901,752 |

| | Αι | uthorized Fund | ry/Share: | Local | Funding | |
|-------------------|-------------------------|----------------------|-----------|-------|--------------|-----------------------------|
| 5-CMAQ: | Federal \$11,992,800 | State \$2,998,200 | Regional | Local | Contribution | By Category \$14,991,000 |
| Funding by Share: | \$11,992,800 | \$2,998,200 | | | | \$14,991,000 |

OLD VERSION

MPOID/CSJ: 17051/1685-01-092 **FY 2020**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|-----------------------------------|---------------|-------------------|---------|-------|------|---|--------------|
| HOUSTON | HARRIS | 1685-01-092 | FM 1960 | С | NONE | TXDOT HOUSTON DISTRICT REV DATE: 05/2018 | \$14,991,000 |
| STREET: | FM 1960 | | | | | MPO PROJECT ID: 17051 | |
| LIMITS FROM: | AT ELDRIDGE P | KWY | | | | FUNDING CATEGORY: 2 | |
| LIMITS TO: TIP DESCRIPTION: | | T INTERSECTION AN | | | - , | MTP REFERENCE: DUAL LEFT AND | |

REMARKS:

Cost of

Approved

Phases:

\$14,991,000

Project History: Amendment #OCT-2019 - 9/27/19 - Change funding from Cat-2 Metropolitan and Urban Area Corridor to Cat-5 Congestion Mitigation/Air Quality and clarify scope. *** Amendment #OCT-2017 - 10/27/17 - MODIFY CAT-2 FUNDING TO REFLECT POTENTIAL USE OF FEDERAL FUNDS. *** Amendment #JUL-2017A -7/28/17 - Delay to FY2019.

| Total Project Cost | Information: | Cost of | | Funding | | | | | |
|--|--|-------------------------------------|-------------------|-------------------------|----------------------|----------|-------|-----------------------|-----------------------------|
| Preliminary Engineering: Right Of Way: Construction: | \$734,559 \$4,166,000 \$14,991,000 | Approved Phases: \$14,991,000 | 2-METRO-TMA: | Federal \$11,992,800 | State \$2,998,200 | Regional | Local | Local Contribution | By Category \$14,991,000 |
| Construction Engineering: | \$749,550 | ψ. 1,771,000 | Funding by Share: | \$11,992,800 | \$2,998,200 | | | | \$14,991,000 |
| Contingencies: | \$1,499,100 | | , | | | | | | |
| Indirects: | \$761,543 | | | | | | | | |
| Bond Financing: | | | | | | | | | |
| Total Project Cost: | \$22,901,752 | | | | | | | | |

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

OCTOBER 2019 MODIFICATIONS AND PREVIEWS

PROPOSED VERSION

MPOID/CSJ: 17064/0675-08-111 **FY 2020**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | | YOE COST |
|--------------|-----------------|--------------|-------------|-------|--------|--|----------|-------------|
| HOUSTON | MONTGOMERY | 0675-08-111 | IH 45 | С | CONROE | TXDOT HOUSTON DISTRICT REV DATE: 11/2019 | | \$7,333,000 |
| STREET: | IH 45 | | | | | MPO PROJECT ID: | 17064 | |
| LIMITS FROM: | WALKER C/L | | | | | FUNDING CATEGORY: | <u>5</u> | |
| LIMITS TO: | LEAGUE LINE RD | | | | | MTP REFERENCE: | | |
| TIP | INSTALL NEW ITS | EQUIPMENT AN | D INFRASTRU | CTURE | | | | |
| DESCRIPTION: | | | | | | | | |

REMARKS:

Project History: Amendment #OCT-2019 - 10/25/19 - Clarify scope and change funding from Cat-2 $\label{thm:metropolitan} \mbox{Metropolitan and Urban Area Corridor to Cat-5 Congestion Mitigation/Air Quality.}$

*** Amendment #OCT-2017 - 10/27/17 - Modify funding. *** Amendment #JUL-2017A - 7/28/17 - Delay to FY2020. *** Amendment #16 - 10/28/16 - Add CSJ

| Total Project Cost I | nformation: | Cost of | - | Α | uthorized Fund | ling by Catego | ry/Share: | Local | Funding |
|---|-------------|---------------------|-------------------|-------------|----------------|----------------|-----------|--------------|-------------|
| Preliminary Engineering: Right Of Way: | \$359,317 | Approved Phases: | | Federal | State | Regional | Local | Contribution | By Category |
| Construction: | \$7,333,000 | \$7,333,000 | 5-CMAQ: | \$5,866,400 | \$1,466,600 | | | | \$7,333,000 |
| Construction Engineering: | \$366,650 | | Funding by Share: | \$5,866,400 | \$1,466,600 | | | | \$7,333,000 |
| Contingencies: | \$733,300 | | | | | | | | |
| Indirects: | \$372,516 | | | | | | | | |
| Bond Financing: | | | | | | | | | |
| Total Project Cost: | \$9,164,783 | | | | | | | | |

OLD VERSION

MPOID/CSJ: 17064/0675-08-111 **FY 2020**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|-----------------|------------------|----------------|--------------|---------------|---------------------|--|---|
| HOUSTON STREET: | MONTGOMERY | 0675-08-111 | IH 45 | С | CONROE | TXDOT HOUSTON DISTRICT REV DATE: 05/2018 MPO PROIECT ID: | \$7,333,000 |
| | | | | | | | |
| LIMITS FROM: | WALKER C/L | | | | | FUNDING CATEGORY: 2 | 2 |
| LIMITS TO: | LEAGUE LINE RD | | | | | MTP REFERENCE: | |
| TIP | INSTALL ITS EQUI | PMENT AND INF | RASTRUCTUR | E (144-STRAND | FIBER TRUNK LINE, (| CLOSED | |
| DESCRIPTION: | CIRCUIT CAMERA | S, DYNAMIC MES | SAGE SIGNS F | RADAR-BASED | VEHICLES SENSING DI | EVICES | |
| REMARKS: | AND TRAVEL TIM | E READERS) | | | Project History: | Amendment #OCT-2019 - 10/25/19 - Clarify sco Metropolitan and Urban Area Corridor to Cat-5 *** Amendment #OCT-2017 - 10/27/17 - Modify 2017A - 7/28/17 - Delay to FY2020. *** Amendra | Congestion Mitigation/Air Quality. y funding. *** Amendment #JUL- |

| Total Project Cost Information: | | Cost of | | Α | Local | Funding | | | |
|--|---------------|------------------|-------------------|-------------|-------------|----------|-------|--------------|-------------|
| Preliminary Engineering: Right Of Way: | \$359,317 | Approved Phases: | 2-METRO-TMA: | Federal | State | Regional | Local | Contribution | By Category |
| Construction: | \$7,333,000 | \$7,333,000 | Z-METRO-TMA; | \$5,866,400 | \$1,466,600 | | | | \$7,333,000 |
| Construction Engineering: | \$366,650 | | Funding by Share: | \$5,866,400 | \$1,466,600 | | | | \$7,333,000 |
| Contingencies: | \$733,300 | | | | | | | | |
| Indirects: | \$372,516 | | | | | | | | |
| Bond Financing: | | | | | | | | | |
| Total Project Cost: | \$9,164,783 | | | | | | | | |

number.

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

OCTOBER 2019 MODIFICATIONS AND PREVIEWS

| _ | _ | | _ | | - | _ | _ | _ | | _ | | | | |
|---|---|---|---|------------------|------|---|---|----|-----|---|-----|---------------|----|---|
| - | - | О | - | $\boldsymbol{-}$ | (-1 | _ | | • | //- | | T ~ | $\overline{}$ | 13 | ı |
| - | | w | - | w | ь 1 | _ | | ₽. | 4 - | | • | • | | а |

MPOID/CSJ: 17076/0027-09-104 **FY 2022**

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|---------------------|-----------------|---------------|--------------|-------|------------------|--|------------------------------|
| HOUSTON | HARRIS | 0027-09-104 | US 90A | С | HOUSTON | TXDOT HOUSTON DISTRICT REV DATE: 11/2019 | \$10,000,000 |
| STREET: | US 90A | | | | | MPO PROJECT ID: | 17076 |
| LIMITS FROM: | FORT BEND C/L | | | | | FUNDING CATEGORY: | 5 |
| LIMITS TO: | IH 610 S | | | | | MTP REFERENCE: | |
| TIP DESCRIPTION: | INSTALL NEW ITS | EQUIPMENT ANI | O INFRASTRUC | TURE | | NOx (KG/DAY): 1.2 | VOC (KG/DAY): 1.4 |
| REMARKS: | | | | | Project History: | Amendment #OCT-2019 - 10/25/19 - Clarify | project scope. *** Amendment |

#OCT-2017 - 10/27/17 - Delay from FY2020 to FY2022, modify funding to CMAQ. *** Amendment #16 - 10/28/16 - Add CSJ number. *** Amendment #2040-3 -

4/22/16 - Program in FY 2020 with PROP-7 funding.

| Total Project Cost Information: | | | | | | | | | | |
|---------------------------------|--------------|--|--|--|--|--|--|--|--|--|
| Preliminary Engineering: | \$490,000 | | | | | | | | | |
| Right Of Way: | | | | | | | | | | |
| Construction: | \$10,000,000 | | | | | | | | | |
| Construction Engineering: | \$500,000 | | | | | | | | | |
| Contingencies: | \$1,000,000 | | | | | | | | | |
| Indirects: | \$508,000 | | | | | | | | | |
| Bond Financing: | | | | | | | | | | |
| Total Project Cost: | \$12,498,000 | | | | | | | | | |

| | | | | | | 6 |
|------------------|-------------------|------------------------|----------------------|----------------|-----------|--------------|
| Cost of | <u> </u> | A | uthorized Fund | ling by Catego | ry/Share: | Local |
| Approved Phases: | 5-CMAO: | Federal \$8.000.000 | State \$2.000.000 | Regional | Local | Contribution |
| \$10,000,000 | | **,*** | 4 =,,,,,,, | | | |
| | Funding by Share: | \$8,000,000 | \$2,000,000 | | | |
| | | | | | | |

OLD VERSION

MPOID/CSJ: 17076/0027-09-104

FY 2022

Funding

By Category \$10,000,000

\$10,000,000

| DISTRICT | COUNTY | CSJ | HWY | PHASE | CITY | PROJECT SPONSOR | YOE COST |
|--------------|-----------------|-----------------|---------------|--------------|--------------------------|---|------------------------------------|
| HOUSTON | HARRIS | 0027-09-104 | US 90A | С | HOUSTON | TXDOT HOUSTON DISTRICT REV DATE: 05/2018 | \$10,000,000 |
| STREET: | US 90A | | | | | MPO PROJECT ID: | 17076 |
| LIMITS FROM: | FORT BEND C/L | | | | | FUNDING CATEGORY: | 5 |
| LIMITS TO: | IH 610 S | | | | | MTP REFERENCE: | |
| TIP | INSTALL ITS EQU | IPMENT AND INFE | RASTRUCTURE | (144-STRAND | FIBER TRUNK LINE, CLOSED | NOx (KG/DAY): 1.2 | VOC (KG/DAY): 1.4 |
| DESCRIPTION: | CIRCUIT CAMERA | AS, DYNAMIC MES | SAGE SIGNS RA | ADAR-BASED_\ | /EHICLES SENSING DEVICES | | |
| REMARKS: | AND TRAVEL TIM | 1E READERS) | | İ | Project History: Amer | ndment #OCT-2019 - 10/25/19 - Clarify | project scope. *** Amendment #OCT- |

2017 - 10/27/17 - Delay from FY2020 to FY2022, modify funding to CMAQ. *** Amendment #16 - 10/28/16 - Add CSJ number. *** Amendment #2040-3 -

| | | | | | 4/22/16 - 1 | rogram in FT 2020 | U WITH PROP-7 TO | inding. | |
|---------------------------------|--------------|------------------|-------------------|-------------|-------------|-------------------|------------------|--------------|--------------|
| Total Project Cost Information: | | Cost of Approved | | Local | Funding | | | | |
| Preliminary Engineering: | | | | Federal | State | Regional | Local | Contribution | By Category |
| Right Of Way: | | Phases: | 5-CMAO: | \$8,000,000 | \$2,000,000 | | | | \$10,000,000 |
| Construction: | \$10,000,000 | \$10,000,000 | 5 5. ii (Q. | 40,000,000 | 42,000,000 | | | | 410,000,000 |
| Construction Engineering: | \$500,000 | | Funding by Share: | \$8,000,000 | \$2,000,000 | | | | \$10,000,000 |
| Contingencies: | \$1,000,000 | | | | | | | | |
| Indirects: | \$508,000 | | | | | | | | |
| Bond Financing: | | | | | | | | | |
| Total Project Cost: | \$12,498,000 | | | | | | | | |

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

| MPOID/C | SJ: 18503/0 | 912- | 72-574 | | | | | | | | FY 202 |
|-------------------------------------|-----------------|---------------------------|--------------|-------------------------|-------|---------------------------------------|------------|---------------------------|------------------|---------------------|----------------|
| DISTRICT | COUNTY | | CSJ | HWY | PHASE | CITY | F | PROJECT SPONS | OR | | YOE COST |
| HOUSTON | HARRIS | 091 | 2-72-574 | | С | HOUSTON | Т | XDOT HOUSTON REV DATE: | 11/2019 | | \$1,000,000 |
| STREET: | SL 8 | | | | | | | MPO PROJE | | 18503 | |
| LIMITS FROM: | W OF HARDY | FOLL RD | | | | | | FUNDING (| CATEGORY: | I | |
| LIMITS TO: | E OF HARDY T | OLL RD | | | | | | MTP REFER | ENCE: | | |
| TIP DESCRIPTION: | RE-STRIPE TO V | VIDEN FI | ROM 6 TO 8 M | IAIN LANES | | | | | | | |
| REMARKS: | | | | | | Project History | r: Amendme | ent #OCT-2019 - 10 | 0/25/19 - Progra | m in FY 2020 of the | TIP with Cat-I |
| Total Proje | ct Cost Informa | ition: | Cost of | | | Authorized Funding by Category/Share: | | | | | Funding |
| Preliminary Engine Right Of Way: | eering: \$ | \$49,000 Approved Phases: | | | | Federal | | | Contribution | By Category | |
| Construction: | \$1,0 | 00,000 | \$1,000,000 | I <mark>-PREV-M:</mark> | | \$800,000 | \$200,000 | | | | \$1,000,000 |
| Construction Eng | ineering: \$ | 60,000 | | Funding by | Share | \$800,000 | \$200,000 | | | | \$1,000,000 |
| Contingencies: | \$1 | 00,000 | | - unuma by | J C. | | | | | | |
| ndirects: | | 50,800 | | 1 | | | | | | | |
| Bond Financing: | Ψ | | | | | | | | | | |
| Total Project C | | 9,800 | | | | | | | | | |

2019-2022 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

| DISTRICT | COUNTY | csj | ŀ | HWY | PHASE | CITY | PR | PROJECT SPONSOR | | | |
|--------------------|-----------------|--------------|----------|--------------|----------|----------------|--------------|-----------------------------|---------|--------------------|---------------|
| HOUSTON | HARRIS | 5000-00-9 | 50 \ | /A | С | HOUSTON | H-0 | GAC REV DATE: 11/2 | 2019 | | \$1,500,000 |
| STREET: | IH 45 N | | | | | | | MPO PROJECT ID: | | 13652 | |
| LIMITS FROM: | IH 610 | | | | | | | FUNDING CATEGO | DRY: | 7 | |
| LIMITS TO: | IH 10 | | | | | | | MTP REFERENCE: | | | |
| TIP | NORTH HOUST | TON HIGHWA | Y IMPROV | EMENT PROJE | CT PLANI | NING | | | | | |
| DESCRIPTION: | STUDY - SEGME | :NT 2 | | | _ | | | | | | |
| REMARKS: | 300,000 TDCs | | | | i | Project Histor | v: Amendmen | t #OCT-2019 - 10/25/19 - | Progra | m the NHHIP Planni | ng Study with |
| | | | | | i I | 0,000 | , . | FBG. 300,000 TDCs will be | _ | | • |
| | | | | | į | | in Statewide | e Preliminary Engineering (| Group 5 | 000-00-950. | |
| Total Proje | ct Cost Informa | tion: Co | st of | | | Auth | Local | Funding | | | |
| Preliminary Engine | eering: | | roved | | | Federal | State | Regional Loc | al | Contribution | By Category |
| Right Of Way: | | | ases: | 7-STBG: | | \$1,500,000 | | | | | \$1,500,000 |
| Construction: | | 00,000 \$1,5 | 00,000 | | | | | | | | |
| Construction Engi | ineering: | | | Funding by S | hare: | \$1,500,000 | | | | | \$1,500,000 |
| Contingencies: | | | | | | | | | | | |
| Indirects: | | | | | | | | | | | |
| Danid Financian | | | į | | | | | | | | |
| Bond Financing: | | | | | | | | | | | |