6. AMENDMENTS TO THE 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM AND THE 2045 REGIONAL TRANSPORTATION PLAN

BACKGROUND

The 2023-2026 Transportation Improvement Program (TIP) is a four-year capital improvements program for transportation projects. Under federal rules, all federally assisted projects must be included in the TIP to be eligible for funding. In addition, federal rules require that regionally significant local projects must also be included in the TIP.

The 2045 Regional Transportation Plan (RTP) is a long-range plan that prioritizes spending on regional transportation projects including short and long-range strategies to ensure the transportation network is safe and efficient. Updated every four years, the RTP outlines a fiscally constrained transportation investment program that is based on the unique needs and characteristics of the MPO region. Amendments to the TIP and RTP are brought to the Transportation Policy Council for consideration monthly and amended in accordance with the H-GAC Public Participation Plan.

CURRENT SITUATION

A summary of the proposed revisions to the 2023-2026 TIP are included below for the Transportation Policy Council's consideration.

- Program Metropolitan Transit Authority of Harris County (METRO) vanpool projects funded with Congestion Mitigation/Air Quality (CMAQ) in FY 2023 (MPO ID 18355/CSJ 0912-00-651) and FY 2024 (MPO ID 18356/CSJ 0912-00-653 & 18364/CSJ 0912-00-654) which were inadvertently left out of the 2023-2026 TIP. (+\$4.9M; Total Cost: \$4.9M)
- Program the Fort Bend County FM 521 widening project (MPO ID 17110/CSJ 0111-03-059) funded with Metropolitan Mobility (Cat-2) in FY 2023 as it was inadvertently left out of the 2023-2026 TIP. (+\$75.2M; Total Cost: \$75.2M)
- Program the Fort Bend County Public Transportation bus support project (MPO ID 18343/CSJ N/A) funded with FTA Section 5307 in FY 2024 as it was inadvertently left out of the 2023-2026 TIP. (+\$0.6M; Total Cost: \$0.6M)
- Delay the TXDOT Houston District SH 36 widening project (MPO ID 263/CSJ 0188-01-016) funded with Metropolitan Mobility (Cat-2) from FY 2023 to FY 2024 due to Right-of-Way and funding issues. (Total Cost: \$29.5M)
- Delay the TXDOT Houston District FM 2100 widening project (MPO ID 290/CSJ 0162-02-011) funded with Metropolitan Mobility (Cat-2) from FY 2024 to FY 2025 due to Right-of-Way and realignment issues. (Total Cost: \$31.0M)
- Delay the TXDOT Houston District SH 105 widening project (MPO ID 7706/CSJ 0338-07-019) funded with Metropolitan Mobility (Cat-2) from FY 2023 to FY 2025 due to a railroad agreement. (Total Cost: \$32.6M)
- Delay the Fort Bend County wireless traffic signal project (MPO ID 17062/CSJ 0912-34-192)

funded with CMAQ from FY 2023 to FY 2024 due to design changes. (Total Cost: \$6.7M)

- Delay the City of Tomball FM 2920 reconstruction project (MPO ID 17085/CSJ 2941-02-056) funded with Metropolitan Mobility (Cat-2) from FY 2023 to FY 2025 due to additional coordination required to confirm project scope. (Total Cost: \$28.6M)
- Delay the Montgomery County IH 45/SH 242 direct connector construction project (MPO ID 18028/CSJ 0110-04-205) funded locally from FY 2023 to FY 2024 due to design and agreement issues. (Total Cost: \$14.9M)
- Delay the TXDOT Houston District US 90A widening project in Fort Bend County (MPO ID 18029/CSJ 0027-08-147) funded with Metropolitan Mobility (Cat-2) from FY 2023 to FY 2024 due to two separate railroad agreements. (Total Cost: \$35.0M)
- Rescope the TXDOT Houston District IH 10 W widening project (MPO ID 6056/CSJ 0271-04-070) funded with Strategic Priority (Cat-12) replacing the frontage roads with managed lanes to match the adjoining sections on the corridor. (Total Cost: \$292.7M)
- Add \$5.4M of Surface Transportation Block Grant (STBG) funds to the Harris County MUD#500 Greenhouse Road at US 290 underpass construction project (MPO ID 18052/CSJ 0050-06-092) to cover costs of due inflation. Correct the federal/local funding split from 75%/25% to 80%/20%. (+\$5.4M; Total Cost: \$43.4M)
- Program the Gulf Coast Transit District's FY 2022 Federal Transit Administration Section 5307,
 Urbanized Area Formula, Program of Projects (MPO IDs 18866, 18867, 18868, 18869, 18870
 and 18871) in FY 2023 with 3.6M Transportation Development Credits (TDCs) in lieu of
 matching funds. Funding will provide for transit capital, planning and operating expenditures in
 the Texas City/La Marque and Lake Jackson/Angleton urbanized areas. (+\$4.0M)
- Modify the scope of the Fort Bend Public Transportation bus acquisition project (MPO ID 11935), funded with FTA Section 5339, Bus and Bus Facilities, funding to that of construction activities for the Westpark Tollway Park & Ride facility. The funding was obligated in FY 2020 of the 2019-2022 TIP. The 178K Transportation Development Credits will remain as the match.

The proposed amendments to the TIP are summarized by funding category below.

Propos	ed August TPC A	Amendments - TI	P Budget Effects ¹							
			Proposed							
			Amendments (August	Programming as of August 2022						
Total Federal Funding Programmed	As of May 2022	As of July 2022	Action)	(Pending TPC Approval)						
Category 2 - Metro and Urban Area										
Corridors	\$1,453,610,240	\$1,414,499,500	\$49,040,000	\$1,463,539,500						
Category 5 - Congestion Mitigation Air										
Quality (CMAQ)	\$604,869,695	\$643,980,435	-\$10,141,000	\$633,839,435						
Category 7 - Surface Transportation Block										
Grant (STBG)	\$795,981,665	\$858,792,106	\$5,420,429	\$864,212,535						
Category 9 - Transportation Alternatives -										
Set Aside (TASA) Program	\$52,939,485	\$52,939,485	(+/-)\$ 0	\$52,939,485						
¹ Includes Grouped and TIP status Project Fur	d Amounts.									

ACTION REQUESTED

TPC Approval of Resolutions 2022-30 and 2022-31.



esolution

NO. 2022-30

AUTHORIZING AMENDMENTS OF THE 2045 REGIONAL TRANSPORTATION PLAN (RTP) AND THE 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA

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

WHEREAS, the 2023-2026 Transportation Improvement Program for the Houston-Galveston Transportation Management Area was adopted by the Transportation Policy Council on June 26, 2020; and

WHEREAS, the proposed revisions to the 2023-2026 Transportation Improvement Program are consistent with the 2045 Regional Transportation Plan and its finding of conformance with the State Implementation Plan for air quality; and

WHEREAS, the proposed revisions to the 2023-2026 Transportation Improvement Program are consistent with the federal fiscal constraint requirements established for the Transportation Improvement Program and are consistent with the financially constrained 2045 Regional Transportation Plan.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT THE 2045 REGIONAL TRANSPORTATION PLAN AND THE 2023–2026 TRANSPORTATION IMPROVEMENT PROGRAM BE AMENDED TO REFLECT THE REVISIONS IDENTIFIED IN THE TABLE OF AUGUST 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 LIMITED AMOUNT. ANY COST OVERRUNS ON PHASES OF WORK AUTHORIZED BY THE TPC OR COSTS INCURRED ON PHASES OF WORK NOT AUTHORIZED BY THE TPC SHALL BE THE RESPONSIBILITY OF THE PROJECT SPONSOR. IN NO CASE, SHALL FEDERAL PARTICIPATION UNDER THE CMAQ AND STBG PROGRAMS BE INCREASED WITHOUT CONSULTATION AND THE EXPRESS APPROVAL OF THE TPC.

PASSED AND APPROVED this 26th day of August 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

Hon. David Robinson David W. Robinson Transportation Policy E-signed 2022-09-09 12:36PM CDT david.robinson@houstontx.gov

Hon. Nancy Arnold, Secreta Nancy Arnold Fransportation Policy Counc E-signed 2022-09-09 02:22PM CDT

arnoldn@msn.com



Resolution

NO. 2022-31

APPROVING THE AWARD OF TRANSPORTATION DEVELOPMENT CREDITS (TDCs) AND AUTHORIZING RELATED AMENDMENTS TO THE 2045 REGIONAL TRANSPORTATION PLAN (RTP), AND TO THE 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA.

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

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

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

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

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

WHEREAS, the award of credits for these purposes is consistent with the Policy governing the consideration of requests for credits adopted by the Policy Council on November 20, 2020.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT TRANSPORTATION DEVELOPMENT CREDITS BE MADE AVAILABLE TO THE PROJECTS IN THE ATTACHED TABLE#1 AND THAT THE TRANSPORTATION DIRECTOR IS DIRECTED TO ENTER INTO ANY NECESSARY PROJECT AGREEMENTS.

PASSED AND APPROVED this 26th day of August 2022, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

David W. Robinson (Sep 9, 2022 12:36 CDT)

Hon. David Robinson, Chairman Transportation Policy Council

David W. Robinson

E-signed 2022-09-09 12:36PM CDT david.robinson@houstontx.gov

ATTEST:

Krayley Arnold

Hon. Nancy Arnold, Secretary Transportation Policy Council

Nancy Arnold

E-signed 2022-09-09 02:22PM CDT arnoldn@msn.com

Table 1. Transportat		pment Credit (TDC) I	Requests				
Agency	MPOID CSJ	Project	Federal Source	Federal Funds	TDC Request	Priority Use Under TDC Policy	Comment
GULF COAST TRANSIT DISTRICT	18866	TRANSIT CAPITAL EXPENDITURES	Sec. 5307	\$150,000	30,000	Support of Federal Transit Funding	GCTD will use TDCs as match for the FY 2022 FTA 5307 Urban Area Formula
	18867	TRANSIT PLANNING EXPENDITURES	Sec. 5307	\$75,000	15,000	Support of Federal Transit Funding	Program funding and use existing local funding, which would have been
	18868	TRANSIT OPERATING EXPENDITURES	Sec. 5307	\$1,739,331	1,739,331	Support of Federal Transit Funding	applied to capital costs, to support ongoing transit operations and the
	18869	TRANSIT CAPITAL EXPENDITURES	Sec. 5307	\$150,000	30,000	Support of Federal Transit Funding	purchase of rolling stock.
	18870	TRANSIT PLANNING EXPENDITURES	Sec. 5307	\$75,000	15,000	Support of Federal Transit Funding	
	18871	TRANSIT OPERATING EXPENDITURES	Sec. 5307	\$1,739,331	1,739,331	Support of Federal Transit Funding	
FORT BEND COUNTY PUBLIC TRANSPORTATION	11935	BUS STATION, STOPS & TERMINALS, WESTPARK CONSTRUCTION	Sec. 5339	\$892,470	178,494	Support of Federal Transit Funding	Fort Bend County will use TDC's as match for capital and use local funds, generally applied to capital, planning, and operating, to cover additional operating costs in excess of the operating cap. **listing is shown to demonstrate that the previously programmed TDCs are being used on a rescoped project.

H-GAC 2023-2026 TIP and 2045 RTP August 2022 TIP Amendments

							Dronger Modifications	cotions	
							i ioposed iviodin	Cations	
				Proj			Funding (M)		
Count	MPOID/CSJ	Sponsor/County	Project	Туре	STIP?	Fed/State	ate Local	Scope	Schedule
1	263 0188-01-016	TXDOT HOUSTON DISTRICT (FOR)	SH 36 (IH 69 S, FM 2218) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES DIVIDED	Я	No				S FY 2023 to FY 2024.
2	290 1062-02-011	TXDOT HOUSTON DISTRICT (HAR)	FM 2100 (SH 99, HUFFMAN-CLEV) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES AND EXTEND DIVIDED ROADWAY	œ	N				☑ FY 2024 to FY 2025.
ĸ	6056 0271-04-070	TXDOT HOUSTON DISTRICT (WAL)	IH 10 W (FM 359, FORT BEND C/) WIDEN FROM 6 TO 8 MAINLANES AND ADD TWO NEW MANAGED LANES	~	NO			\	
4	7706 0338-07-019	TXDOT HOUSTON DISTRICT (MON)	SH 105 (SAN JACINTO, LIBERTY C/L) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED	~	N _O				☑ FY 2023 to FY 2025.
Z	11935	FORT BEND COUNTY PUBLIC (FOR)	WESTPARK TOLLWAY P&R (VA, VA) BUS STATION, STOPS & TERMINALS, WESTPARK CONSTRUCTION	F	ON O			D	
9	17062 0912-34-192	FORT BEND COUNTY (FOR)	FORT BEND COUNTY (VA, VA) CONSTRUCT WIRELESS TRAFFIC SIGNAL COMMUNICATION SYSTEM	~	N _O				Z FY 2023 to FY 2024.
7	17085 2941-02-056	CITY OF TOMBALL (HAR)	FM 2920 (BS 249, WILLOW ST) RECONSTRUCT 4-LANE ROADWAY WITH RAISED MEDIANS, DRAINAGE, SIGNAL IMPROVEMENTS AND SIDEWALKS	æ	N O				G FY 2023 to FY 2025.
∞	17110 0111-03-059	FORT BEND COUNTY (FOR)	FM 521 (SH 6, FM 2234) RECONSTRUCT AND WIDEN FROM 2 TO 4-LANES WITH RAISED MEDIANS, INTERSECTION IMPROVEMENTS, SIGNAL IMPROVEMENTS AND PEDESTRIAN ACCESS	~	Yes	D		☑ Add to TIP.	Add to FY 2023.
6	18028 0110-04-205	MONTGOMERY COUNTY (MON)	IH 45 (AT SH 242, NULL) CONSTRUCT NEW DIRECT CONNECTOR (NB-EB)	œ	N _O				FY 2023 to FY 2024.
10	18029 0027-08-147	TXDOT HOUSTON DISTRICT (FOR)	US 90A (FM 359, SH 99) RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES DIVIDED (PHASE 2 OF 3)	α.	No				写 FY 2023 to FY 2024.
11	18052 0050-06-092	HARRIS COUNTY MUD #500 (HAR)	GREENHOUSE RD (MOUND RD, SKINNER RD A) CONSTRUCT 6-LANE UNDERPASS WITH PEDESTRIAN AND BIKEWAYS WITHIN THE ROW EXTENDING UNDER US 290 AND THE UPRR CONNECTING TO SKINNER ROAD ON THE NORTH.	м	ON	+ \$6.2	2 (\$0.8)		

Add to FY 2024. Add to FY 2024. Add to FY 2024. Add to FY 2023. Schedule 2 D > > \supset > Σ > $\mathbf{\Sigma}$ Add to TIP. **对** Add to TIP. ✓ Add to TIP. Add to TIP. Add to TIP. V Add to TIP. Scope **Proposed Modifications** ₪ D D D > D Funding (M) Local Fed/State > > \triangleright 2 > \square $\overline{\Sigma}$ \triangleright \geq \square STIP? Yes Type Proj BUS SUPPORT AND FACILITIES, MISC SOFTWARE AND METRO STAR VANPOOL PROGRAM: CMAQ FY 2023 METRO STAR VANPOOL PROGRAM: CMAQ FY 2024 REGIONAL VANPOOL PROGRAM: CMAQ FY 2024 HARDWARE, BUS WRAPS AND SOFTWARE LAKE JACKSON/ANGLETON UZA (VA, VA) LAKE JACKSON/ANGLETON UZA (VA, VA) LAKE JACKSON/ANGLETON UZA (VA, VA) TEXAS CITY/LA MARQUE UZA (VA, VA) TEXAS CITY/LA MARQUE UZA (VA, VA) HOUSTON-GALVESTON TMA (VA, VA) TEXAS CITY/LA MARQUE UZA (VA, VA) TRANSIT OPERATING EXPENDITURES TRANSIT OPERATING EXPENDITURES TRANSIT PLANNING EXPENDITURES TRANSIT PLANNING EXPENDITURES TRANSIT CAPITAL EXPENDITURES TRANSIT CAPITAL EXPENDITURES Project METRO SERVICE AREA (VA, VA) METRO SERVICE AREA (VA, VA) FORT BEND COUNTY (VA, VA) MAINTENANCE: FY 2022 MPOID/CSJ | Sponsor/County COUNTY PUBLIC ... **August 2022 TIP Amendments** TRANSIT DISTR... TRANSIT DISTR... TRANSIT DISTR. TRANSIT DISTR. TRANSIT DISTR. METRO (MUL) METRO (HAR) METRO (HAR) **GULF COAST GULF COAST GULF COAST GULF COAST** H-GAC (GAL) **GULF COAST FORT BEND** (FOR) 0912-00-653 0912-00-654 0912-00-651 18356 18364 18868 18870 18343 18355 18866 18869 18871 18867 Count 13 21 14 15 16 17 18 19 20 12

H-GAC 2023-2026 TIP and 2045 RTP

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

PROPOSED VE	RSION							
MPOID / CSJ	263 /	0188-01-016	•	STIP	Revision Date:			FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	OR	YOE COST
Houston	Fort Bend 0188-01-016		SH 36	С	ROSENBERG	TXDOT HOUSTON D	ISTRICT	\$29,500,000
STREET:	SH 36					MPO PROJECT ID:	263	
LIMITS FROM:	IH 69 S					VOC:	kg/day	
LIMITS TO:	FM 2218					NOx:	kg/day	
TIP DESCRIPTION:	RECONSTRU	JCT AND WIDEN	N FROM 2 To	0 4 LANES DIVI	DED 			

Project History: Amendment # AUG-2022- 2022-08-26 Delay from FY 2023 to FY 2024 due to ROW and funding issues.

Remarks:

Total Project Cost	Information:	Cost of Approved	1	Δuf	horized Funding by	Category/Sha		
Preliminary Engineering:	\$1,445,500	Phases:			0 ,	0 ,	Local Contribution	Funding By Category
Right Of Way:	\$0	\$29,500,000	Funding Category	Federal	State	Local	Contribution	by Category
Construction:	\$29,500,000	, , ,	2-METRO-TMA	\$23,600,000	\$5,900,000	\$0	\$0	\$29,500,000
Construction Engineering:	\$1,180,000							
Contingencies:	\$2,950,000		Funding by share:	\$23,600,000	\$5,900,000	\$0	\$0	\$29,500,000
Indirects:	\$1,498,600		1					
Bond Financing:	\$0		1					
Total Project Cost	\$36,574,100		1					
			TDC: 0					

R	
<u> </u>	YOE COST
STRICT	\$29,500,000
263	
kg/day	
kg/day	
•	263 kg/day

Project History:

Total Project Cost I	nformation:	Cost of Approved		Autl	norized Funding by	Category/Shar	·e:	
Preliminary Engineering:	\$1,445,500	Phases:	1		0 ,	0 ,		Funding
Right Of Way:	\$0	\$29,500,000	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$29,500,000	. , , ,	2-METRO-TMA	\$23,600,000	\$5,900,000	\$0	\$0	\$29,500,000
Construction Engineering:	\$1,180,000		- I TIETKO TITIK	420,000,000	Ψο,,, σο,σοσ		**	42.,200,000
Contingencies:	\$2,950,000		Funding by share:	\$23,600,000	\$5,900,000	\$0	\$0	\$29,500,000
Indirects:	\$1,498,600			. , ,	. , ,	•	•	. , ,
Bond Financing:	\$0		1					
Total Project Cost	\$36,574,100		1					
			TDC: 0					

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

MPOID / CSJ	290 /	1062-02-01	I	STIP I	Revision Date:			FY 2025
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	OR	YOE COST
Houston	Harris	1062-02-011	FM 2100	С	NONE	TXDOT HOUSTON D	ISTRICT	\$31,000,000
STREET:	FM 2100					MPO PROJECT ID:	290	
LIMITS FROM:	SH 99					VOC:	kg/day	
LIMITS TO:	HUFFMAN-C	LEVELAND RD	(NORTH)			NOx:	kg/day	
TIP DESCRIPTION:	RECONSTRU	JCT AND WIDE	N FROM 2 TO	4 LANES AND	EXTEND DIVIDED I	ROADWAY		

Project History: Amendment # AUG-2022- 2022-08-26 Delay to FY 2025 due to ROW issues/realignment needs TxDOT Commission Approval.

Remarks:

Total Project Cost	Information:	Cost of Approved	T	Δut	horized Funding by	Category/Sha		
Preliminary Engineering:	\$1,519,000	Phases:	Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Right Of Way:	\$0	\$31,000,000	i unding Category	i ederai	State	LOCAI	Continuation	
Construction:	\$31,000,000	. , ,	2-METRO-TMA	\$24,800,000	\$6,200,000	\$0	\$0	\$31,000,000
Construction Engineering:	\$1,240,000							
Contingencies:	\$3,100,000		Funding by share:	\$24,800,000	\$6,200,000	\$0	\$0	\$31,000,000
Indirects:	\$1,574,800		1					
Bond Financing:	\$0		1					
Total Project Cost	\$38,433,800		1					
			TDC: 0					

MPOID / CSJ	290 /	1062-02-01	I	STIP	Revision Date:			FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	OR	YOE COST
Houston	Harris	1062-02-011	FM 2100	С	NONE	TXDOT HOUSTON D	ISTRICT	\$31,000,000
STREET:	FM 2100					MPO PROJECT ID:	290	
LIMITS FROM:	SH 99					VOC:	kg/day	
LIMITS TO:	HUFFMAN-C	LEVELAND RD ((NORTH)			NOx:	kg/day	

Project History:

Total Project Cost I	nformation:	Cost of Approved		Authorized Funding by Category/Share:								
Preliminary Engineering:	\$1,519,000	Phases:	1		8 ,			Funding				
Right Of Way:	\$0	\$31,000,000	Funding Category	Federal	State	Local	Local Contribution	By Category				
Construction:	\$31,000,000	, ,	2-METRO-TMA	\$24.800.000	\$6,200,000	\$0	\$0	\$31,000,000				
Construction Engineering:	\$1,240,000		- I TIETKO TITIK	42 1,000,000	40,200,000		*-	421,000,000				
Contingencies:	\$3,100,000		Funding by share:	\$24,800,000	\$6,200,000	\$0	\$0	\$31,000,000				
Indirects:	\$1,574,800			. , ,	. , ,	•	·	. , ,				
Bond Financing:	\$0		1									
Total Project Cost	\$38,433,800		1									
			TDC: 0									

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

RSION							
6056 /	0271-04-070	ı	STIP	Revision Date:			FY 2024
COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	OR	YOE COST
Waller	0271-04-070	IH 10	С	BROOKSHIRE	TXDOT HOUSTON [DISTRICT	\$292,716,385
IH 10 W					MPO PROJECT ID:	6056	
FM 359					VOC:	kg/day	
		ANES AND	ADD TWO NE	N MANAGED I ANES	NOx:	kg/day	
	6056 / COUNTY Waller IH 10 W FM 359 FORT BEND	6056 / 0271-04-070 COUNTY CSJ Waller 0271-04-070 IH 10 W FM 359 FORT BEND C/L	6056 / 0271-04-070 COUNTY CSJ HWY Waller 0271-04-070 IH 10 IH 10 W FM 359 FORT BEND C/L	6056 / 0271-04-070 STIP COUNTY CSJ HWY PHASE Waller 0271-04-070 IH 10 C IH 10 W FM 359 FORT BEND C/L	6056 / 0271-04-070 STIP Revision Date: COUNTY CSJ HWY PHASE CITY Waller 0271-04-070 IH 10 C BROOKSHIRE IH 10 W FM 359 FM 359 C BROOKSHIRE	STIP Revision Date: COUNTY CSJ HWY PHASE CITY PROJECT SPONS Waller 0271-04-070 IH 10 C BROOKSHIRE TXDOT HOUSTON D IH 10 W MPO PROJECT ID: VOC: NOx: VOC: NOx:	STIP Revision Date: COUNTY CSJ HWY PHASE CITY PROJECT SPONSOR Waller 0271-04-070 IH 10 C BROOKSHIRE TXDOT HOUSTON DISTRICT IH 10 W FM 359 WOC: kg/day FORT BEND C/L Kg/day NOx: kg/day

Project History: Amendment # AUG-2022- 2022-08-26 Change the project description so this segment would match the other 3 segments of the IH-10 W Project

Remarks:

Total Project Cost	Information:	Cost of Approved	T	Διι	thorized Funding by	Category/Sha	re•	
Preliminary Engineering:	\$14,343,103	Phases:	1	7.0	chorized randing by	Category	Local	Funding
Right Of Way:	\$0	\$292,716,385	Funding Category	Federal	State	Local	Contribution	By Category
Construction:	\$292,716,385	Ψ 272,710,303	12-STRATEGIC	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385
Construction Engineering:	\$11,708,655							
Contingencies:	\$29,271,639		Funding by share:	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385
Indirects:	\$14,869,992		1					
Bond Financing:	\$0		1					
Total Project Cost	\$362,909,774		1					
			TDC: 0					

MPOID / CSJ	6056 /	ı	STIP	Revision Date:		FY 20				
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	OR	YOE COST		
Houston	Waller	0271-04-070	IH 10	С	BROOKSHIRE	TXDOT HOUSTON E	DISTRICT	\$292,716,385		
STREET:	IH 10 W					MPO PROJECT ID:	6056			
LIMITS FROM:	FM 359					VOC:	kg/day			
LIMITS TO:	FORT BEND	C/L				NOx:	kg/day			

Project History:

Total Project Cost	Information:	Cost of Approved		Authorized Funding by Category/Share:							
Preliminary Engineering:	\$14,343,103	Phases:	1		8 /	,		Funding			
Right Of Way:	\$0	\$292,716,385	Funding Category	Federal	State	Local	Local Contribution	By Category			
Construction:	\$292,716,385	, , , , , ,	12-STRATEGIC	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385			
Construction Engineering:	\$11,708,655		!	420 1,110,100	400,010,271	Ψ*	**	4212,110,000			
Contingencies:	\$29,271,639		Funding by share:	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385			
Indirects:	\$14,869,992			. , ,	. , ,	·	•	. , ,			
Bond Financing:	\$0		1								
Total Project Cost	\$362,909,774		1								
			TDC: 0								

AUGUST TIP AMENDMENTS

MPOID / CSJ	7706 /	0338-07-019)	STIP Revision Date:				
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	SOR	YOE COST
Houston	Montgomery	0338-07-019	SH 105	С	NONE	TXDOT HOUSTON DISTRICT		\$32,560,000
STREET:	SH 105					MPO PROJECT ID:	7706	
LIMITS FROM:	SAN JACINTO	O C/L				VOC:	kg/day	
LIMITS TO:	LIBERTY C/L					NOx:	kg/day	
TIP DESCRIPTION :	RECONSTRU	CT AND WIDE	N FROM 2 TO	O 4 LANE DIVIDE	D			

Project History: Amendment # AUG-2022- 2022-08-26 Delay from FY 2023 to FY 2025 due to railroad agreement.

Remarks:

Total Project Cost	Information:	Cost of Approved	T	Δut	horized Funding by	Category/Sha		
Preliminary Engineering:	\$1,595,440	Phases:	1	Auc	inorized i dildilig by	Categoryiona	Local	Funding
Right Of Way:	\$724,320	\$32,560,000	Funding Category	Federal	State	Local	Contribution	By Category
Construction:	\$32,560,000	\$32,360,000	2-METRO-TMA	\$26,048,000	\$6,512,000	\$0	\$0	\$32,560,000
Construction Engineering:	\$1,302,400							
Contingencies:	\$3,256,000		Funding by share:	\$26,048,000	\$6,512,000	\$0	\$0	\$32,560,000
Indirects:	\$1,654,048		1					
Bond Financing:	\$0		1					
Total Project Cost	\$41,092,208		1					
			TDC: 0					

7706 /	0338-07-019	•	STIP	Revision Date:		FY 2023		
COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	OR	YOE COST	
Montgomery	0338-07-019	SH 105	С	NONE	TXDOT HOUSTON E	DISTRICT	\$32,560,000	
SH 105					MPO PROJECT ID:	7706		
SAN JACINTO	O C/L				VOC:	kg/day		
LIBERTY C/L					NOx:	kg/day		
	COUNTY Montgomery SH 105 SAN JACINTO	COUNTY CSJ Montgomery 0338-07-019 SH 105 SAN JACINTO C/L	Montgomery 0338-07-019 SH 105 SH 105 SAN JACINTO C/L	COUNTY CSJ HWY PHASE Montgomery 0338-07-019 SH 105 C SH 105 SAN JACINTO C/L	COUNTY CSJ HWY PHASE CITY Montgomery 0338-07-019 SH 105 C NONE SH 105 SAN JACINTO C/L	COUNTY CSJ HWY PHASE CITY PROJECT SPONS Montgomery 0338-07-019 SH 105 C NONE TXDOT HOUSTON E SH 105 MPO PROJECT ID: SAN JACINTO C/L VOC:	COUNTY CSJ HWY PHASE CITY PROJECT SPONSOR Montgomery 0338-07-019 SH 105 C NONE TXDOT HOUSTON DISTRICT SH 105	

Project History:

Total Project Cost I	nformation:	Cost of Approved		Authorized Funding by Category/Share:							
Preliminary Engineering:	\$1,595,440	Phases:	1		8 /	. ,		Funding			
Right Of Way:	\$724,320	\$32,560,000	Funding Category	Federal	State	Local	Local Contribution	By Category			
Construction:	\$32,560,000	. , , , ,	2-METRO-TMA	\$26,048,000	\$6,512,000	\$0	\$0	\$32,560,000			
Construction Engineering:	\$1,302,400		- I TIETKO TITIK	420,010,000	ψο,σ · 2 ,σσσ	4*	*-	402,000,000			
Contingencies:	\$3,256,000		Funding by share:	\$26,048,000	\$6,512,000	\$0	\$0	\$32,560,000			
Indirects:	\$1,654,048		1			•	•				
Bond Financing:	\$0		1								
Total Project Cost	\$41,092,208		1								
			TDC: 0								

AUGUST TPC AMENDMENTS

MPOID / CSJ	11935 /			STIP	Revision Date	e :		FY 2020 YOE COST
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	
Houston	Fort Bend		VA	Capital	NONE	FORT BEND COUNT TRANSPORTATI	\$892,470	
STREET:	WESTPARK TO	LLWAY P&R	t			MPO PROJECT ID:	11935	
LIMITS FROM:	VA					VOC:	0.00 kg/day	
LIMITS TO:	VA					NOx:	0.00 kg/day	

Project History: Amendment # AUG-2022- 2022-08-03 Change project scope from bus acquisition to 'Bus Station, Stops & Terminals, Westpark

Construction. Obligated FTA Section 5339 funds and 178,494 TDCs used in lieu of matching funds are unchanged. Updated TDC application is

attached.

Remarks:

Total Project Cost In	formation:	Cost of Approved	- ,	Autho	orized Funding by	Category/Sha	 ire:	
Preliminary Engineering: Right Of Way:	\$0 \$0	Phases: \$892,470	Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Construction:	\$892,470	\$892,470	Sec. 5339	\$892,470	\$0	\$0	\$0	\$892,470
Construction Engineering:	\$0							
Contingencies:	\$0		Funding by share:	\$892,470	\$0	\$0	\$0	\$892,470
Indirects:	\$0		1					
Bond Financing:	\$0		1					
Total Project Cost	\$892,470		1					
			TDC: 178,494					

OLD VERSION								
MPOID / CSJ	11935 /			STIP I	Revision Date	e:		FY 2020
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Fort Bend		VA	Capital	NONE	FORT BEND COUNT TRANSPORTAT	\$892,470	
STREET:	FORT BEND CO	UNTY				MPO PROJECT ID:	11935	
LIMITS FROM:	VA					VOC:	0.00 kg/day	
LIMITS TO: TIP DESCRIPTION :	VA VEHICLES REPLA	CEMENTS				NOx:	0.00 kg/day	

Project History: Amendment # APR-2019- 2019-04-05 Program the Houston Urbanized Area's FY 18 FTA Sections 5307, 5339 and 5337 Programs of Projects into the TIP. Program 178,494 TDCs in lieu of matching funds. Amendment # SEP-2019A- 2019-09-27 Delay to FY 2020.

Total Project Cost In	formation:	Cost of Approved		Author	ized Funding by	Category/Shar	e:	
Preliminary Engineering:	\$0	Phases:	i			87		Funding
Right Of Way:	\$0	\$892,470	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$892,470	,,	Sec. 5339	\$892,470	\$0	\$0	\$0	\$892,470
Construction Engineering:	\$0			4072,110	4*	4*	**	40.2,
Contingencies:	\$0		Funding by share:	\$892,470	\$0	\$0	\$0	\$892,470
Indirects:	\$0			, ,	•	•	**	, ,
Bond Financing:	\$0		1					
Total Project Cost	\$892,470		1					
			TDC: 178,494					

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

MPOID / CSJ	17062 /	0912-34-192		STIP Revision Date:						
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST		
Houston	Fort Bend 0912-34-192		VA	C:E	NONE	FORT BEND COUNTY		\$6,740,000		
STREET:	FORT BEND	COUNTY				MPO PROJECT ID:	17062			
LIMITS FROM:	VA					VOC:	0.43 kg/day			
LIMITS TO:	VA					NOx:	1.75 kg/day			
TIP DESCRIPTION :	CONSTRUC [*]	T NEW WIRELES	S TRAFFIC S	IGNAL COMMUI	VICATION SYSTEM					

Project History: Amendment # AUG-2022- 2022-08-26 Delay from FY 2023 to FY 2024 due to design changes.

Remarks: ITS Expansion Project

Total Project Cost I	nformation:	Cost of Approved	1	Autho	orized Funding I	by Category/Sha	re:	
Preliminary Engineering:	\$314,833	Phases:	Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Right Of Way:	\$0	\$6,740,000					# 0	#4.740.000
Construction:	\$6,425,167		5-CMAQ	\$5,392,000	\$0	\$1,348,000	\$0	\$6,740,000
Construction Engineering:	\$321,258						••	
Contingencies:	\$642,517		Funding by share:	\$5,392,000	\$0	\$1,348,000	\$0	\$6,740,000
Indirects:	\$326,398		1					
Bond Financing:	\$0							
Total Project Cost	\$8,030,173							
			TDC: 0					

MPOID / CSJ	17062 /	0912-34-192		STIP I	STIP Revision Date:				
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	SOR	YOE COST	
Houston	Fort Bend	0912-34-192	VA	C:E	NONE	FORT BEND COL	JNTY	\$6,740,000	
STREET:	FORT BEND	COUNTY				MPO PROJECT ID:	17062		
LIMITS FROM:	VA					VOC:	0.43 kg/day		
LIMITS TO:	VA					NOx:	1.75 kg/day		

Project History:

Total Project Cost Ir	ntormation:	Cost of Approved	1	Author	ized Funding b	y Category/Shar	·e:	
Preliminary Engineering:	\$314,833	Phases:	1			,8,		Funding
Right Of Way:	\$0	\$6,740,000	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$6,425,167		5-CMAO	\$5.392.000	\$0	\$1,348,000	\$0	\$6,740,000
Construction Engineering:	\$321,258			+-,,	**	41,512,523	**	+-,,-
Contingencies:	\$642,517		Funding by share:	\$5,392,000	\$0	\$1,348,000	\$0	\$6,740,000
Indirects:	\$326,398			. , ,	•	. , ,	•	. , ,
Bond Financing:	\$0		1					
Total Project Cost	\$8,030,173							
			TDC: 0					

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

MPOID / CSJ	17085 /	2941-02-056	5	STIP	Revision Date:			FY 2025
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Harris	2941-02-056	FM 2920	C:E:R	TOMBALL	CITY OF TOMB	ALL	\$28,613,000
STREET:	FM 2920					MPO PROJECT ID:	17085	
LIMITS FROM:	BS 249					VOC:	kg/day	
LIMITS TO:	WILLOW ST					NOx:	kg/day	
TIP DESCRIPTION :	RECONSTRU	JCT 4-LANE RO	ADWAY WIT	H RAISED MED	ans, drainage, sig	GNAL IMPROVEMENTS	and sidewalks	

Remarks:

Total Project Cost	Information:	Cost of Approved	T	Δut	horized Funding by	Category/Sha		
Preliminary Engineering:	\$1,134,426	Phases:	I Franching Contracting		J ,	0,	Local Contribution	Funding By Category
Right Of Way:	\$4,743,746	\$28,613,000	Funding Category	Federal	State	Local	Contribution	-,,
Construction:	\$22,734,828	,,,	2-METRO-TMA	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Construction Engineering:	\$467,178							
Contingencies:	\$934,355		Funding by share:	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Indirects:	\$474,652		1					
Bond Financing:	\$0							
Total Project Cost	\$30,489,185		1					
			TDC: 0					

MPOID / CSJ	17085 /	2941-02-056	5	STIP	Revision Date:			FY 2023
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Harris	2941-02-056	FM 2920	C:E:R	TOMBALL	CITY OF TOMB	ALL	\$28,613,000
STREET:	FM 2920					MPO PROJECT ID:	17085	
LIMITS FROM:	BS 249					VOC:	kg/day	
LIMITS TO:	WILLOW ST					NOx:	kg/day	

Project History:

Total Project Cost I	nformation:	Cost of Approved		Autl	norized Funding by	Category/Shar	·e:	
Preliminary Engineering:	\$896,278	Phases:	1		3 7	0 ,		Funding
Right Of Way:	\$1,362,500	\$28,613,000	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$18,291,381	, , ,	2-METRO-TMA	\$22,890,400	\$5.722.600	\$0	\$0	\$28,613,000
Construction Engineering:	\$731,655		2 TIETRO TITIV	Ψ22,070,100	Ψ5,7.22,000	Ψ*	**	420,010,000
Contingencies:	\$1,829,138		Funding by share:	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Indirects:	\$929,202			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , , , , , , , , , , , , , , ,	•	•	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Bond Financing:	\$0		1					
Total Project Cost	\$24,040,155		1					
			TDC: 0					

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

MPOID / CSJ	<mark>17110</mark> /	0111-03-059)	STIP	Revision Date:		FY 2023	
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Fort Bend	0111-03-059 F	FM 521	С	ARCOLA	FORT BEND CO	UNTY	\$75,227,000
STREET:	FM 521					MPO PROJECT ID:	17110	
LIMITS FROM:	SH 6					VOC:	kg/day	
LIMITS TO:	FM 2234					NOx:	kg/day	
TIP DESCRIPTION:		JCT AND WIDER NTS AND PEDES			h raised medians	s, INTERSECTION IMPRO	VEMENTS, SIGNAL	

Project History: Amendment # AUG-2022- 2022-08-26 Add to FY 2023 of the TIP. Project was inadvertently not carried over from the 2021 TIP.

Remarks:

Total Project Cost		Cost of Approved		Au	thorized Funding by	Category/Sha	re:	
Preliminary Engineering:	\$3,686,123	Phases:	1				Local	Funding
Right Of Way:	\$0	\$75,227,000	Funding Category	Federal	State	Local	Contribution	By Category
Construction:	\$75,227,000	ψ/3,227,000	2-METRO-TMA	\$60,181,600	\$15,045,400	\$0	\$0	\$75,227,000
Construction Engineering:	\$3,009,080							
Contingencies:	\$7,522,700		Funding by share:	\$60,181,600	\$15,045,400	\$0	\$0	\$75,227,000
Indirects:	\$3,821,532		1					
Bond Financing:	\$0		1					
Total Project Cost	\$93,266,435		1					
			TDC: 0					

OLD VERSION								
MPOID / CSJ	17110 /	0111-03-059)	STIP		FY 2023		
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	ton Fort Bend 0111-03-059 FM 521		С	ARCOLA	FORT BEND CO	JNTY	\$75,227,000	
STREET:	FM 521					MPO PROJECT ID:	17110	
LIMITS FROM:	SH 6					VOC:	kg/day	
LIMITS TO:	FM 2234					NOx:	kg/day	
TIP DESCRIPTION:		JCT AND WIDEI NTS AND PEDES			h raised medians,	INTERSECTION IMPRO	vements, signal	

Project History: Amendment # 2040-3- 2016-04-22 Program in FY 2024 with PROP-7 funding.*** Amendment # OCT-2017- 2017-10-27 Modify project limits,

length and funding.*** Amendment # JAN-2021A- 2021-01-22 Advance from FY 2024 to 2023 at TxDOT's request to fiscally constrain the 2021

STIP.***

Total Project Cost I	nformation:	Cost of Approved	1	Aut	horized Funding by	Category/Shar	·e:	
Preliminary Engineering:	\$3,686,123	Phases:	1		0 ,	0 ,		Funding
Right Of Way:	\$0	\$75,227,000	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$75,227,000	. , ,	2-METRO-TMA	\$60,181,600	\$15,045,400	\$0	\$0	\$75,227,000
Construction Engineering:	\$3,009,080		- I TIETRO TITIV	φου, το τ, σου	ψ13,013,100	Ψ*	4-	ψ. 3,22. ,000
Contingencies:	\$7,522,700		Funding by share:	\$60,181,600	\$15,045,400	\$0	\$0	\$75,227,000
Indirects:	\$3,821,532			, , ,	, , ,	,	, .	, , ,
Bond Financing:	\$0		1					
Total Project Cost	\$93,266,435		1					
			TDC:					

AUGUST TPC AMENDMENTS

PROPOSED VE	RSION							
MPOID / CSJ	18028 /	0110-04-205	;	STIP Re	evision Date:			FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Montgomery	0110-04-205	IH 45	C:E	NONE	MONTGOMERY C	OUNTY	\$14,931,286
STREET:	IH 45					MPO PROJECT ID:	18028	
LIMITS FROM:	AT SH 242					VOC:	kg/day	
LIMITS TO:						NOx:	kg/day	
TIP DESCRIPTION:	CONSTRUCT	NEW DIRECT	CONNECTOR (1	NB-EB)				
•			•		2024 at TXDOT Ho	ouston District's request	due to design and	greement
Remarks:	ssues. Montgome	ry County conci	urs with the delay	.				
Total Project Cos	t Information:							
Preliminary Engineering:								
	\$697.458	Approved Phases:			Authorized Fur	ding by Category/Sha		Funding
, , ,	\$697,458 \$0	Phases:	Funding Category	Federal			u re: Local Contribution	Funding By Category
Right Of Way:	\$0	Phases: \$14,931,286	Funding Category 3-LOCAL CON		l State		Local	•
Right Of Way: Construction:	\$0 \$14,233,828	Phases: \$14,931,286	3-LOCAL CONT	Г :	State	Local \$0 \$0	Local Contribution \$14,931,286	By Category \$14,931,286
Right Of Way: Construction: Construction Engineering Contingencies:	\$0 \$14,233,828	Phases: \$14,931,286	, ,	Г :	State	e Local	Local Contribution	By Category

OLD VERSION										
MPOID / CSJ	18028 /	0110-04-205	5	STIP I	Revision Date:			FY 2023		
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST		
Houston	Montgomery	0110-04-205	IH 45	C:E	NONE	MONTGOMERY COUNTY		\$14,931,286		
STREET:	IH 45					MPO PROJECT ID:	18028			
LIMITS FROM:	AT SH 242					VOC:	kg/day			
LIMITS TO:						NOx:	kg/day			
TIP DESCRIPTION :	: CONSTRUCT	T NEW DIRECT	CONNECTO	OR (NB-EB)						

TDC: 0

TIP DESCRIPTION: CONSTRUCT NEVY DIRECT CONNECTOR (NB-EB)

Project History: Amendment # MAY-2022- 2022-05-20 Change sponsor from TXDOT Houston District to Montgomery County and program with local funds in

FY 2023 of the TIP.***

\$17,789,439

Remarks:

Bond Financing:

Total Project Cost

Total Project Cost I	nformation:	Cost of Approved						
Preliminary Engineering:	\$697,458	Phases:	1		ized Funding by			Funding
Right Of Way:	\$0	\$14,931,286	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$14,233,828	. , ,	3-LOCAL CONT	\$0	\$0	\$0	\$14.931.286	\$14,931,286
Construction Engineering:	\$711,691			**	**	**	** ',' = ',==	+,,
Contingencies:	\$1,423,383		Funding by share:	\$0	\$0	\$0	\$14,931,286	\$14,931,286
Indirects:	\$723,078			·	·	·	. , ,	
Bond Financing:	\$0		1					
Total Project Cost	\$17,789,439		1					
			TDC: 0					

AUGUST TPC AMENDMENTS

MPOID / CSJ	18029 /	0027-08-147	7	STIP	Revision Date:			FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Fort Bend	ort Bend 0027-08-147 US 90	US 90A	С	NONE	TXDOT HOUSTON	\$35,000,000	
STREET:	US 90A					MPO PROJECT ID:	18029	
LIMITS FROM:	FM 359					VOC:	kg/day	
LIMITS TO:	SH 99					NOx:	kg/day	
TIP DESCRIPTION:	RECONSTRU	CT AND WIDE	N FROM 4 TO	O 6 LANES DIVID	DED (PHASE 2 OF 3)			

Project History: Amendment # AUG-2022- 2022-08-26 Delay from FY 2023 to FY 2024 due to two separate railroad agreements.

Remarks:

Total Project Cost	Information:	Cost of Approved	T	Δuf	horized Funding by	Category/Sha		
Preliminary Engineering: Right Of Way:	\$1,715,000	Phases:	Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Construction:	\$35,000,000	\$35,000,000	2-METRO-TMA	\$28,000,000	\$7,000,000	\$0	\$0	\$35,000,000
Construction Engineering:	\$1,400,000							
Contingencies:	\$3,500,000		Funding by share:	\$28,000,000	\$7,000,000	\$0	\$0	\$35,000,000
Indirects:	\$1,778,000		1					
Bond Financing:	\$0		1					
Total Project Cost	\$43,393,000		1					
			TDC: 0					

18029 /	0027-08-147	7	STIP	Revision Date:		FY 2023	
COUNTY	csj	HWY	PHASE	CITY	PROJECT SPONS	SOR	YOE COST
Fort Bend	d 0027-08-147 US	US 90A	С	NONE	TXDOT HOUSTON [DISTRICT	\$35,000,000
US 90A					MPO PROJECT ID:	18029	
FM 359					VOC:	kg/day	
SH 99					NOx:	kg/day	
	COUNTY Fort Bend US 90A FM 359	COUNTY CSJ Fort Bend 0027-08-147 US 90A FM 359	COUNTY CSJ HWY Fort Bend 0027-08-147 US 90A FM 359 US 90A US 90A	COUNTY CSJ HWY PHASE Fort Bend 0027-08-147 US 90A C US 90A FM 359	COUNTY CSJ HWY PHASE CITY Fort Bend 0027-08-147 US 90A C NONE US 90A FM 359	COUNTY CSJ HWY PHASE CITY PROJECT SPONS Fort Bend 0027-08-147 US 90A C NONE TXDOT HOUSTON I US 90A FM 359 MPO PROJECT ID: VOC:	COUNTY CSJ HWY PHASE CITY PROJECT SPONSOR Fort Bend 0027-08-147 US 90A C NONE TXDOT HOUSTON DISTRICT US 90A

Project History:

Total Project Cost I	nformation:	Cost of Approved		Autl	norized Funding by	Category/Shar	e:	
Preliminary Engineering:	\$1,715,000	Phases:	1		0 ,	0 ,		Funding
Right Of Way:	\$0	\$35,000,000	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$35,000,000	, ,	2-METRO-TMA	\$28,000,000	\$7,000,000	\$0	\$0	\$35,000,000
Construction Engineering:	\$1,400,000		- I TIETKO TITIK	420,000,000	Ψ.,οσσ,σσσ		*-	422,000,000
Contingencies:	\$3,500,000		Funding by share:	\$28,000,000	\$7,000,000	\$0	\$0	\$35,000,000
Indirects:	\$1,778,000			. , ,	. , ,	•	·	. , ,
Bond Financing:	\$0		1					
Total Project Cost	\$43,393,000		1					
			TDC: 0					

AUGUST TPC AMENDMENTS

PROPOSED VERSION									
MPOID / CSJ	18052 /	0050-06-092		STIP	Revision Date:			FY 2024	
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST	
Houston	Harris	0050-06-092	CR	С	HOUSTON	HARRIS COUNTY M	UD #500	\$43,380,000	
STREET:	GREENHOU:	SE RD				MPO PROJECT ID:	18052		
LIMITS FROM:	MOUND RD					VOC:	0.00 kg/day		
LIMITS TO:	SKINNER RD	AT US 290				NOx:	0.00 kg/day		
TIP DESCRIPTION:		T 6-LANE UNDEF NECTING TO SKI				HIN THE ROW EXTEND	DING UNDER US 2	90 AND THE	

Project History: Amendment # AUG-2022- 2022-08-26 Increase total STBG/Cat-7 funding to \$43,380,000 with local participation of 20% (\$8,676,000).

Remarks:

Total Project Cost		Cost of Approved	1	Autho	rized Funding	by Category/Sha	re:	
Preliminary Engineering:	\$2,125,620	Phases:	1				Local	Funding
Right Of Way:	\$0	\$43,380,000	Funding Category	Federal	State	Local	Contribution	By Category
Construction:	\$43,380,000	ψ43,300,000	7-STBG	\$34,704,000	\$0	\$8,676,000	\$0	\$43,380,000
Construction Engineering:	\$1,735,200							
Contingencies:	\$4,338,000		Funding by share:	\$34,704,000	\$0	\$8,676,000	\$0	\$43,380,000
Indirects:	\$2,203,704		1					
Bond Financing:	\$0		1					
Total Project Cost	\$53,782,524		1					
			TDC: 0					

OLD VERSION	·							
MPOID / CSJ	18052 /	0050-06-092	2	STIP	Revision Date:			FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Harris	ris 0050-06-092 C	CR	CR C	HOUSTON	HARRIS COUNTY M	IUD #500	\$37,959,571
STREET:	GREENHOU:	SE RD				MPO PROJECT ID:	18052	
LIMITS FROM:	MOUND RD					VOC:	0.00 kg/day	
LIMITS TO:	skinner rd	AT US 290				NOx:	0.00 kg/day	
TIP DESCRIPTION :		T 6-LANE UNDEI IECTING TO SKI				HIN THE ROW EXTEND	DING UNDER US 2	90 AND THE

Project History:

Total Project Cost I	nformation:	Cost of Approved	1	Author	ized Funding b	y Category/Shar	·e:	
Preliminary Engineering:	\$1,860,019	Phases:	1		J	, , ,		Funding
Right Of Way:	\$0	\$37,959,571	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$37,959,571	. , ,	7-STBG	\$28,469,678	\$0	\$9,489,893	\$0	\$37,959,571
Construction Engineering:	\$1,518,383		, 0150	420, 101,010		41,101,010	**	401,101,011
Contingencies:	\$3,795,957		Funding by share:	\$28,469,678	\$0	\$9,489,893	\$0	\$37,959,571
Indirects:	\$1,928,346			. , ,	•	. , ,	•	
Bond Financing:	\$0		1					
Total Project Cost	\$47,062,276		1					
			TDC: 0					

AUGUST TPC AMENDMENTS

PROPOSED VI	ERSION								
MPOID / CSJ	18343/			STIP Revi	sion Date:				FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SI	ONSOR		YOE COST
Houston	Fort Bend		VA		NONE	FORT BEND CO TRANSPOR			\$615,646
STREET:	FORT BEND C	OUNTY				MPO PROJECT I	D: 18343		
LIMITS FROM:	VA					VOC:	ļ	kg/day	
LIMITS TO:	VA					NOx:		kg/day	
TIP DESCRIPTION:	BLIS SLIPPORT	AND FACILIT	TIES MISC SOFTW	ARE AND HARD	WARE BUS W	raps and softwa	RE MAINTEN	ANCE.	FY 2022
Remarks: Program Total Project Co		Cost of	tch.						
Preliminary Engineering:	\$0	Approved Phases:	i	P	Authorized Fi	unding by Category			Funding
Right Of Way:	\$0		Funding Category	Federal	Sta	ate Local	Loca Contribu	l ution	By Category
Construction:	\$615,646	\$615,646	Sec. 5307	\$615,646		\$0 \$	0	\$0	\$615,646
Construction Engineering								40	
Contingencies:	\$0		Funding by share:	\$615,646		\$0	U	\$0	\$615,646
Indirects:	\$0								
Bond Financing:	\$0		1						

MPOID / CSJ	18343 /			STIP	Revision Date	: :		FY 2024
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Fort Bend		VA		NONE	FORT BEND COUNTY PUBLIC TRANSPORTATION		\$615,646
STREET:	FORT BEND C	OUNTY				MPO PROJECT ID:	18343	
LIMITS FROM:	VA					VOC:	kg/day	
LIMITS TO:	VA					NOx:	kg/day	

Project History: Amendment # DEC-2020- 2020-12-18 Program in FY 2024 with FTA Section 5307 funding and 123,129 TDCs as local match.***

TDC: 123,129

Remarks:

Total Project Cost

\$615,646

Total Project Cost In		Cost of Approved		Author	ized Funding by	Category/Shar	·e:	
Preliminary Engineering:	\$0	Phases:	1				11	Funding
Right Of Way:	\$0	\$615,646	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$615,646	, , , , ,	Sec. 5307	\$615,646	\$0	\$0	\$0	\$615,646
Construction Engineering:	\$0			***************************************	**	**	*	¥-:-,-:-
Contingencies:	\$0		Funding by share:	\$615,646	\$0	\$0	\$0	\$615,646
Indirects:	\$0			. ,	•	•	•	. ,
Bond Financing:	\$0		1					
Total Project Cost	\$615,646		1					
			TDC:					

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

MPOID / CSJ	18355	0912-00-651		STIP	Revision Date:			FY 2023 YOE COST
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	
Houston	Harris	0912-00-651	VA	Т	HOUSTON	METRO		\$2,400,000
STREET:	METRO SERV	/ICE AREA				MPO PROJECT ID:	18355	
LIMITS FROM:	VA					VOC:	6.54 kg/day	
LIMITS TO:	VA					NOx:	31.68 kg/day	
TIP DESCRIPTION:	METRO STAI	R VANPOOL PRO	GRAM: CM	AQ FY 2023				

Remarks: Program 480,000 TDCs in lieu of local matching funds.

Total Project Cost I	nformation:	Cost of Approved	1 1 1	Autho	orized Funding by	Category/Sha	re:	
Preliminary Engineering:	\$0	Phases:	1				Local	Funding By Category
Right Of Way:	\$0	\$2,400,000	Funding Category	Federal	State	Local	Contribution	by Category
Construction:	\$2,400,000	42, 100,000	5-CMAQ	\$2,400,000	\$0	\$0	\$0	\$2,400,000
Construction Engineering:	\$0							
Contingencies:	\$0		Funding by share:	\$2,400,000	\$0	\$0	\$0	\$2,400,000
Indirects:	\$0		1					
Bond Financing:	\$0		1					
Total Project Cost	\$2,400,000		1					
			TDC: 480,000					

MPOID / CSJ	18355 /	0912-00-651		STIP		FY 2023		
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Harris	0912-00-651	VA		HOUSTON	METRO		\$2,400,000
STREET:	METRO SERV	/ICE AREA				MPO PROJECT ID:	18355	
LIMITS FROM:	VA					VOC:	6.54 kg/day	
LIMITS TO:	VA					NOx:	31.68 kg/day	
TIP DESCRIPTION :		R VANPOOL PRO	GRAM: CM	AQ FY 2023			31.00 18/94/	

Project History: Amendment # MAR-2021- 2021-03-26 Program 480,000 TDCs in lieu of local matching funds.*** Amendment # MAY-2021A- 2021-05-21 Assign

CSJ# 0912-00-651.***

Remarks: Program 480,000 TDCs in lieu of local matching funds.

Total Project Cost In		Cost of Approved	1 1 1	Author	ized Funding by	Category/Shar	e:	
Preliminary Engineering: Right Of Way:	\$0 \$0	Phases: \$2,400,000	Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Construction:	\$2,400,000	. , ,	5-CMAO	\$2,400,000	\$0	\$0	\$0	\$2,400,000
Construction Engineering:	\$0		3 31 11 12	42,100,000			**	42,100,000
Contingencies:	\$0		Funding by share:	\$2,400,000	\$0	\$0	\$0	\$2,400,000
Indirects:	\$0			. , ,	•		•	• , ,
Bond Financing:	\$0		1 1					
Total Project Cost	\$2,400,000		1					
			TDC:					

AUGUST TPC AMENDMENTS

MPOID / CSJ	18356	0912-00-653		STIP	Revision Date:		FY 2024	
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Harris	0912-00-653	VA	Т	HOUSTON	METRO		\$1,200,000
STREET:	METRO SERV	/ICE AREA				MPO PROJECT ID:	18356	
LIMITS FROM:	VA					VOC:	6.54 kg/day	
LIMITS TO:	VA					NOx:	31.68 kg/day	
TIP DESCRIPTION:	METRO STAI	R VANPOOL PRO	GRAM: CM	AQ FY 2024				

Amendment # A00-2022-2022-00-20 Hogram m 1 2024 of the 111. Hoject was made tendy not carried over monthly a

Remarks: Program 480,000 TDCs in lieu of local matching funds.

Total Project Cost I	nformation:	Cost of Approved	1 1 1	Autho	orized Funding by	Category/Sha	re:	
Preliminary Engineering:	\$0	Phases:	1				Local	Funding
Right Of Way:	\$0	\$1,200,000	Funding Category	Federal	State	Local	Contribution	By Category
Construction:	\$1,200,000	\$1,200,000	5-CMAQ	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Construction Engineering:	\$0							
Contingencies:	\$0		Funding by share:	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Indirects:	\$0		1					
Bond Financing:	\$0		}					
Total Project Cost	\$1,200,000							
			TDC: 480,000					

18356 /	0912-00-653		STIP	Revision Date:			FY 2024
COUNTY	csj	HWY	PHASE	HASE CITY PROJECT SPONSOR		SOR	YOE COST
Harris	0912-00-653	VA		HOUSTON	METRO		\$1,200,000
METRO SERV	ICE AREA				MPO PROJECT ID:	18356	
VA					VOC:	6.54 kg/day	
VA					NOx:	31.68 kg/day	
	COUNTY Harris METRO SERV	COUNTY CSJ Harris 0912-00-653 METRO SERVICE AREA VA	Harris 0912-00-653 VA METRO SERVICE AREA VA	COUNTY CSJ HWY PHASE Harris 0912-00-653 VA METRO SERVICE AREA VA	COUNTY CSJ HWY PHASE CITY Harris 0912-00-653 VA HOUSTON METRO SERVICE AREA VA	COUNTY CSJ HWY PHASE CITY PROJECT SPONS Harris 0912-00-653 VA HOUSTON METRO METRO SERVICE AREA VA HOUSTON MPO PROJECT ID: VOC:	COUNTY CSJ HWY PHASE CITY PROJECT SPONSOR Harris 0912-00-653 VA HOUSTON METRO METRO SERVICE AREA VA MPO PROJECT ID: 18356 VOC: 6.54 kg/day

Project History: Amendment # MAR-2021- 2021-03-26 Program 480,000 TDCs in lieu of local matching funds.*** Amendment # MAY-2021A- 2021-05-21 Assign CSJ# 0912-00-653.*** Amendment # SEP-2021- 2021-09-24 Donate \$1.2M of CMAQ federal funding to MPO Id 11717/CSJ 0912-00-547 to

cover shortfall.***

Remarks: Program 480,000 TDCs in lieu of local matching funds.

Total Project Cost I		Cost of Approved		Author	ized Funding by	Category/Shar	e:	
Preliminary Engineering:	\$0	Phases:	1				Lead	Funding
Right Of Way:	\$0	\$1,200,000	Funding Category	Federal	State	Local	Local Contribution	By Category
Construction:	\$1,200,000	, , , , , , , , , , , , , , , , , , , ,	5-CMAO	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Construction Engineering:	\$0		3 3.11.12	4 1,200,000	**	**	**	* -,=,
Contingencies:	\$0		Funding by share:	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Indirects:	\$0			• , ,	•	•	·	. , ,
Bond Financing:	\$0		1 1					
Total Project Cost	\$1,200,000		1					
			TDC:					

AUGUST TPC AMENDMENTS

18364 / 0912-00-654 STIP Revision Date:							FY 2024	
COUNTY	csj	HWY	PHASE	CITY PROJECT SPONSOR		SOR	YOE COST	
Multiple	0912-00-654	VA T		NONE	METRO		\$1,250,000	
HOUSTON-G	GALVESTON TMA	4			MPO PROJECT ID:	18364		
VA					VOC:	2.27 kg/day		
VA					NOx:	11.00 kg/day		
	COUNTY Multiple HOUSTON-G	COUNTY CSJ Multiple 0912-00-654 HOUSTON-GALVESTON TMA	COUNTY CSJ HWY Multiple 0912-00-654 VA HOUSTON-GALVESTON TMA VA	COUNTY CSJ HWY PHASE Multiple 0912-00-654 VA T HOUSTON-GALVESTON TMA VA	COUNTY CSJ HWY PHASE CITY Multiple 0912-00-654 VA T NONE HOUSTON-GALVESTON TMA VA	COUNTY CSJ HWY PHASE CITY PROJECT SPONS Multiple 0912-00-654 VA T NONE METRO HOUSTON-GALVESTON TMA MPO PROJECT ID: VA VOC:	COUNTY CSJ HWY PHASE CITY PROJECT SPONSOR Multiple 0912-00-654 VA T NONE METRO HOUSTON-GALVESTON TMA VA VOC: 2.27 kg/day	

Project History: Amendment # AUG-2022- 2022-08-26 Program in FY 2024 of the TIP. Project was inadvertently not carried over from the 2021 TIP.

Remarks: Program 250,000 TDCs in lieu of matching funds.

Total Project Cost I	nformation:	Cost of Approved	1		orized Funding by	Category/Sha	re•	
Preliminary Engineering: Right Of Way:	\$0 \$0	Phases:	 Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Construction:	\$1,250,000	\$1,250,000	5-CMAQ	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Construction Engineering:	\$0							
Contingencies:	\$0		Funding by share:	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Indirects:	\$0		1					
Bond Financing:	\$0		1					
Total Project Cost	\$1,250,000							
			TDC: 250,000					

MPOID / CSJ	18364 /	0912-00-654		STIP		FY 2024		
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PROJECT SPON	SOR	YOE COST
Houston	Multiple	0912-00-654	VA		NONE	METRO		\$1,250,000
STREET:	HOUSTON-0	GALVESTON TMA	4			MPO PROJECT ID:	18364	
LIMITS FROM:	VA					VOC:	0.00 kg/day	
LIMITS TO:	VA					NOx:	0.00 kg/day	
TIP DESCRIPTION :	REGIONAL \	/ANPOOL PROG	RAM: CMAC	Q FY 2024				

Project History: Amendment # MAR-2021- 2021-03-26 Program 250,000 TDCs in lieu of local match.*** Amendment # MAY-2021A- 2021-05-21 Add CSJ#

0912-00-654.***

Total Project Cost In		Cost of Approved	1 1 1	Author	ized Funding by	Category/Shar	·e:	
Preliminary Engineering: Right Of Way:	\$0 \$0	Phases: \$1,250,000	Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Construction:	\$1,250,000	φ1,230,000	5-CMAO	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Construction Engineering:	\$0			4 ., 2 5,,,,,	**		**	41,200,000
Contingencies:	\$0		Funding by share:	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Indirects:	\$0						•	
Bond Financing:	\$0		1					
Total Project Cost	\$1,250,000		1					
			TDC:					

AUGUST TPC AMENDMENTS

PROPOSED VE	RSION								
MPOID / CSJ	18866			STIP	Revision Dat	:e:			FY 2023
DISTRICT	COUNTY	csj	HWY	PHASE	CITY	PRO	DJECT SPON	SOR	YOE COS
Houston	Galveston		VA	Capital	TEXAS CITY	GULF CO.	ast transi	T DISTRICT	\$150,000
STREET:	TEXAS CITY/L	A MARQUE U	ZA			MPO PF	ROJECT ID:	18866	
LIMITS FROM:	VA					VOC:		kg/day	
LIMITS TO:	VA					NOx:		kg/day	
TIP DESCRIPTION :	TRANSIT CAPI	ITAL EXPEND	ITURES						
Project History :	Amendment # AU	JG-2022- 2022		e Gulf Coast	 : Transit District F	Y 2022 FTA Sect	tion 5307 Pro	gram of Projects in	FY 2023.
Remarks: Progra	am 30,000 TDCS i	n lieu of match	ning funds.						
Total Project Cos	st Information:	Cost of	Ţ						
Preliminary Engineering:	\$7,350	Approved Phases:	1		Authorized	Funding by C	ategory/ S ha		Funding
Right Of Way:	\$0		Funding Category	Fed	deral	State	Local	Local Contribution	By Category
Construction:	\$150,000	\$150,000	Sec. 5307	\$15	50,000	\$0	\$0	\$0	\$150,000
Construction Engineering									
Contingencies:	\$15,000		Funding by share	÷ \$15	50,000	\$0	\$0	\$0	\$150,000
Indirects:	\$7,620		1						
man detai	Ψ7,020								
Bond Financing:	\$0		1						
Bond Financing:	\$0		TDC: 30,000						
Bond Financing:	\$0 \$193,470		TDC: 30,000						
Bond Financing: Total Project Cost OLD VERSION	\$0 \$193,470		TDC: 30,000		Revision Dat	e:			FY
Bond Financing: Total Project Cost	\$0 \$193,470	CSJ	TDC: 30,000		Revision Dat		DJECT SPON	SOR	FY YOE COST
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ	\$0 \$193,470	CSJ		STIP			DJECT SPON	SOR	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT	\$0 \$193,470	CSJ		STIP		PRO	DJECT SPON	SOR	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ	\$0 \$193,470	CSJ		STIP		PRO		SOR kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET:	\$0 \$193,470	CSJ		STIP		PRO MPO PF			
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM:	\$0 \$193,470	CSJ		STIP		MPO PF VOC:		kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO:	\$0 \$193,470	CSJ		STIP		MPO PF VOC:		kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History:	\$0 \$193,470	CSJ		STIP		MPO PF VOC:		kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION:	\$0 \$193,470	CSJ		STIP		MPO PF VOC:		kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks:	\$0 \$193,470			STIP	CITY	MPO PF VOC:	ROJECT ID:	kg/day kg/day	YOE COST
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cos Preliminary Engineering:	\$0 \$193,470	Cost of Approved	HWY	STIP	CITY	MPO PF VOC: NOx:	ROJECT ID:	kg/day kg/day 	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks:	\$0 \$193,470	Cost of Approved		STIP	CITY	MPO PF VOC: NOx:	ROJECT ID:	kg/day kg/day re:	YOE COST
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cos Preliminary Engineering: Right Of Way:	\$193,470	Cost of Approved	HWY	STIP	CITY	MPO PF VOC: NOx:	ROJECT ID:	kg/day kg/day 	YOE COST
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cos Preliminary Engineering: Right Of Way: Construction:	\$193,470	Cost of Approved	HWY	STIP PHASE	CITY	MPO PF VOC: NOx:	ROJECT ID:	kg/day kg/day 	YOE COST
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cost Preliminary Engineering: Right Of Way: Construction: Construction: Contingencies: Indirects:	\$193,470	Cost of Approved	HWY Funding Category	STIP PHASE	CITY	MPO PF VOC: NOx:	ROJECT ID:	kg/day kg/day 	YOE COST
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cost Preliminary Engineering: Right Of Way: Construction: Construction Engineering: Contingencies:	\$193,470	Cost of Approved	HWY Funding Category	STIP PHASE	CITY	MPO PF VOC: NOx:	ROJECT ID:	kg/day kg/day 	YOE COST

TDC:

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

PROPOSED VE									
MPOID / CSJ	18867			STIP	Revision Da	te:			FY 2023
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PI	ROJECT SPON	SOR	YOE COS
Houston	Galveston		VA	Planning	TEXAS CITY	, GUI	lf coast tran	SIT DISTRICT	\$75,00
STREET:	TEXAS CITY/L	A MARQUE U	ZA			MPO	PROJECT ID:	18867	
LIMITS FROM:	VA					VOC:		kg/day	
LIMITS TO:	VA					NOx:		kg/day	
TIP DESCRIPTION :	TRANSIT PLAN	NNING EXPEN	NDITURES						
Project History :	Amendment # Al	JG-2022- 2022	-08-26 Program th	ne Gulf Coas	t Transit District I	Y 2022 FTA Se	ection 5307 Pro	gram of Projects in	FY 2023.
Remarks: Program I	15,000 TDCs in lie	eu of matching	funds						
Total Project Cos	st Information:	Cost of	T				C-+/Sh-		
Preliminary Engineering:	\$0	Approved Phases:	1 1 1				Category/Sha	Local	Funding By Category
Right Of Way:	\$75,000	\$75,000	Funding Category		deral	State	Local	Contribution	
Construction:	\$0		Sec. 5307	*	75,000	\$0	\$0	\$ 0	\$75,000
Construction Engineering Contingencies:	g: \$0 \$0		Funding by share	e: \$	75,000	\$0	\$0	\$0	\$75,000
Gorren Gerreres.	ΨΟ		T.						
Indirects:	0.2		1						
Indirects: Bond Financing:	\$0 \$0		1 1 1 1						
Bond Financing:	\$0		1 1 1 1						
			TDC: 5,000						
Bond Financing:	\$0 \$75,000		TDC: 15,000						
Bond Financing: Total Project Cost OLD VERSION	\$0 \$75,000		TDC: 15,000		Revision Da	te:			FY
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ	\$0 \$75,000	CSJ	TDC: 15,000		Revision Da		ROJECT SPON:	SOR	FY YOE COS
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ	\$0 \$75,000	CSJ		STIP			ROJECT SPON:	SOR	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT	\$0 \$75,000	CSJ		STIP		Pl	•	SOR	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET:	\$0 \$75,000	CSJ		STIP		Pl	ROJECT SPON: PROJECT ID:		
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM:	\$0 \$75,000	CSJ		STIP		MPO VOC:	•	kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO:	\$0 \$75,000	CSJ		STIP		PI MPO	•		
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION:	\$0 \$75,000	csj		STIP		MPO VOC:	•	kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION:	\$0 \$75,000	CSJ		STIP		MPO VOC:	•	kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION:	\$0 \$75,000	CSJ		STIP		MPO VOC:	•	kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cos	\$0 \$75,000 / COUNTY	Cost of Approved		STIP	CITY	MPO I VOC: NOx:	PROJECT ID:	kg/day kg/day	
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION:	\$0 \$75,000 / COUNTY	Cost of		STIP	CITY	MPO I VOC: NOx:	•	kg/day kg/day	YOE COS
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cos Preliminary Engineering: Right Of Way:	\$0 \$75,000 / COUNTY	Cost of Approved		STIP	CITY	MPO I VOC: NOx:	PROJECT ID:	kg/day kg/day	YOE COS
Bond Financing: Total Project Cost OLD VERSION MPOID / CSJ DISTRICT STREET: LIMITS FROM: LIMITS TO: TIP DESCRIPTION: Project History: Remarks: Total Project Cos Preliminary Engineering: Right Of Way: Construction:	\$0 \$75,000 / COUNTY	Cost of Approved	HWY	STIP	CITY	MPO VOC: NOx:	PROJECT ID: Category/Shar	kg/day kg/day ••••••••••••••••••••••••••••••••••••	YOE COS
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Total Project Cost

7-Jul-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM 2045 REGIONAL TRANSPORTATION PLAN

AUGUST TPC AMENDMENTS

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AUGUST TPC AMENDMENTS

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AUGUST TPC AMENDMENTS

MPOID / CSJ	<mark>18870</mark> /			STIP	Revision Date	: :			FY 2023
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PR	OJECT SPON	SOR	YOE COS
Houston	Brazoria		VA	Planning	LAKE JACKSON	GULF CO	DAST TRANSI	T DISTRICT	\$75,00
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Total Project Cost

AUGUST TPC AMENDMENTS

MPOID / CSJ	18871			STIP	Revision Date	e:			FY 2023
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY		OJECT SPON	SOR	YOE COS
Houston	Brazoria			Operating	LAKE JACKSON		DAST TRANSI		\$1,793,46
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Construction:	\$0		Sec. 5307	\$1,79	3,468	\$0	\$0	\$0	\$1,793,468
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| TDC:

Indirects:
Bond Financing:
Total Project Cost



Fort Bend County Engineering FORT BEND COUNTY, TEXAS

J. Stacy Slawinski, P.E. County Engineer

June 8, 2022

RE: MPOID 17062 (CSJ 0912-34-192)

CONSTRUCT WIRELESS TRAFFIC SIGNAL COMMUNICATION SYSTEM

Project sponsor: Fort Bend County

aigle, PE, PTOE

Fort Bend County requests that the letting date for this project be changed to March 2024. Due to changes in the elected board of several Municipal Utility Districts, alternate tower locations have been required which has slowed down the progress.

Sincerely,

Rick J. Staigle, PE, PTOE

First Assistant County Engineer



June 7, 2022

Mr. Craig Raborn Houston-Galveston Area Council 3555 Timmons Lane, Suite 120 Houston, Texas 77027

Re: APP ID 232; Greenhouse/Skinner Road Underpass at UPRR & US 290 Request for Amendment of 2018 TIP Award

EHRA Project No. 131-065-00

Dear Mr. Raborn:

The above-referenced project was approved for funding by the TPC in the 2018 TIP for a 2024 Year of Expenditure. The original project was estimated at \$30,000,000 with a 25% local participation amount. With the customary escalation of 4% per year, the escalated project cost is \$37,959,571.

When the project reached the State level, it was approved as a CMAQ project as opposed to a STBG project on the STIP. Therefore, on behalf of the Sponsor, Harris County MUD 500 (MUD 500), they respectfully request that the funding category be changed from CMAQ funding to STBG funding as was originally intended.

Secondly, though the project was developed in accordance with all technical criteria, reviewing authorities mandated certain design preferences in the schematic design phase which resulted in a much larger project footprint, scope, and expense. Please refer to Attachment A – Cost Estimate Changes. As a consequence, the project costs have increased. Please refer to Attachment B – Preliminary Cost Estimate. Therefore, MUD 500 respectfully requests that the project funding award be increased to an overall budget of \$43,380,000 with a 20% local participation amount.

In summary, the project Sponsor requests:

- 1. Change the funding category from CMAQ to STBG; and
- 2. Increase the overall award amount to \$43,380,000 with a local participation of 20%.

Mr. Craig Raborn June 7, 2022 Page 2

Your consideration of the above requests is greatly appreciated.

Sincerely,

Truman Edminster

Truman C. Edminster, P.E.

TCE/sf

Attachments: Exhibit A – Cost Estimate Changes

Exhibit B – Preliminary Cost Estimate

cc: Mr. Adam Beckom

Mr. Jim Dickinson



Exhibit A - Cost Estimate Changes US 290 at Greenhouse

	2024 TIP Estimate*	Current	Difference
Estimated Construction	\$30,367,657	\$36,810,000	\$6,442,343
Cost			
Subtotal			
Contingencies	\$7,591,914	\$6,570,000	-\$1,021,914
	(20%)	(30% UPRR, 15% Others)	
Estimated Construction Total	\$37,959,571	\$43,380,000	\$5,420,429

*Note: 2024 with 4% Inflation

5	Summary of Changes
TxDOT ROW Modifications	\$2,079,000
TxDOT Retaining Walls	\$2,402,000
Harris County ROW Modifications	\$477,000
Harris County ROW Retaining Walls	\$451,000
Minor Variances	\$11,429
Total	\$5,420,429

COST RELATED ITEMS LOCATED NORTH OF UPRR WITHIN TXDOT PROPERTY

1. Modifications within the ROW - \$2,079,000

- a. <u>TxDOT Comment</u> Original vertical geometry met TxDOT minimum criteria. However, TxDOT required flatter slopes which extended the project limits.
 - i. Preparing ROW increase from \$119,000 to \$159,000 = \$40,000
 - ii. Removing Concrete Pavement & Stabilized Base increase from \$51,000 to \$194,000 = \$143,000
 - iii. Excavation increase from \$232,000 to 500,000 = 268,000
 - iv. Embankment \$<u>50,000</u>
 - v. Concrete Pavement increase from \$754,000 to 1,300,000 = 546,000
 - vi. Sidewalk/Shared Use Path increase from \$13,000 to \$131,000 = \$118,000
 - vii. Additional Traffic Signal increase from \$250,000 to \$500,000 = \$250,000
 - viii. High Mast Lighting \$180,000
- b. <u>More Detailed Design</u> Original pavement design was based on TxDOT US 290 asbuilt plans. Revised pavement design was based on new Geotechnical Report.
 - i. 6" Lime Stabilized Subgrade increased to 12" Lime Stabilized Subgrade.
 Combined with TxDOT revised project limits, estimated range \$93,000 to \$218,000.

Use <u>\$125,000</u>

- ii. 6" Cement Treated Base \$232,000
- iii. 1" Asphalt Stabilized Base Bond Breaker \$127,000

2. Modifications to Retaining Walls - \$2,402,000

a. <u>TxDOT Comment</u> - Original vertical geometry met TxDOT minimum criteria. However, TxDOT required flatter slopes which extended project limits and added cost to the retaining walls.

Exhibit A - Cost Estimate Changes US 290 at Greenhouse

- i. MSE/Soil Nail Walls -increase from \$465,000 to \$678,000 = \$213,000
- ii. Riprap increase from \$42,000 to \$205,000 = \$163,000
- b. <u>TxDOT Comment</u> Originally, the US 290 eastbound frontage road was located closer to the US 290 main lanes. The original geotechnical analysis determined the loading for the retaining walls. Accordingly, a sloped embankment along a portion of the US 290 mainlanes was adequate and included in the original schematics.

However, due to Hurricane Harvey and other extreme events in recent years, TxDOT is now requiring stormwater surcharge loading for all retaining walls (i.e., totally submerged retaining walls).

Even though the geotechnical report determined the existing soil has stability for a sloped embankment with riprap above the surface, TxDOT preferred to move the eastbound frontage road to the south and extend the length of the vertical retaining walls along the north side of the US 290 eastbound frontage road.

- i. Drill Shafts increase from 3,200,000 to 4,450,000 = 1,250,000
- ii. Tiebacks \$776,000

COST RELATED ITEMS SOUTH OF UPRR WITHIN HARRIS COUNTY PROPERTY

1. Modifications within Harris County ROW - \$477,000

- a. <u>TxDOT Comment</u> Original vertical geometry met TxDOT minimum criteria. However, TxDOT required flatter slopes which extended project limits.
 - i. Excavation increase from \$683,000 to \$1,000,000 = \$317,000
- b. <u>More Detailed Design</u> Original pavement design was based on as-built plans. Revised pavement design was based on new Geotechnical Report.
 - i. 6" Cement Treated Base \$103,000
 - ii. 1" Asphalt Stabilized Base Bond Breaker \$57,000

2. Modifications to Retaining Walls - \$451,000

- a. <u>TxDOT Comment</u> Original pavement design was based on TxDOT US 290 as-built plans. Revised pavement design was based on new Geotechnical Report.
 - i. MSE Walls increase from \$892,000 to \$1,062,000 = <u>\$170,000</u>
- b. TxDOT Comment TxDOT provided preferential comment to keep shared use path at a flatter grade rather than matching the adjacent roadway grade. This requires the addition of a retaining wall between the shared use path and the roadway along with a wider shared use path cross-section to provide for the retaining wall and barrier.
 - i. CIP Wall <u>\$123,000</u>
 - ii. C223 Rail \$158,000

	6/6/22
Item/Description	TOTAL
US 290 MODIFICATIONS (TxDOT)	\$4,179,790
US 290 RETAINING WALLS (TxDOT)	\$6,683,893
DRAINAGE	\$6,065,739
STORMWATER PUMP STATION	\$5,265,691
GREENHOUSE ROAD	\$2,309,896
GREENHOUSE ROAD RETAINING WALLS	\$1,492,182
UPRR	\$10,529,104
TRAFFIC CONTROL PLAN/TEMPORARY DETOURS	\$280,703
ESTIMATED CONSTRUCTION COST SUBTOTAL	\$36,810,000
CONTINGENCIES*	\$6,570,000
ESTIMATED CONSTRUCTION TOTAL	\$43,380,000
*Contengencies are 30% for UPRR & 15% for all other categories	

6/6/2022

Exhibit B - Preliminary Cost Estimate

US 290 MODIFICATIONS (TxDOT)

	SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
1	100		6002 PREPARING ROW	STA	\$5,000.00	31.77	\$158,850
2	104		6001 REMOVING CONC (PAV)	SY	\$7.00	15,841	\$110,887
3	104		6015 REMOVING CONC (SIDEWALKS)	SY	\$10.00	405	\$4,050
4	104		6017 REMOVING CONC (DRIVEWAYS)	SY	\$10.00	300	\$3,000
5	104		6021 REMOVING CONC (CURB)	LF	\$8.00	8014	\$64,112
9	105		6018 REMOVING STAB BASE AND ASPH PAV (7")	SY	\$5.00	16,698	\$83,490
7	110		6001 EXCAVATION (ROADWAY)	CY	\$10.00	20,000	\$500,000
8	132		6006 EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	\$10.00	2,000	\$50,000
6	260		6012 LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TONS	\$200.00	625	\$125,000
10	790		6084 LIME TRT (SUBGRADE)(12")	SY	\$4.00	23,162	\$92,649
11	276		6224 CEM TRT(PLNT MX) (CL N)(TY E)(GR 4)(6")	SY	\$10.00	23,162	\$231,623
12	292		6017 ASPHALT STAB BASE (GR 4)(PG 64)	TONS	\$100.00	1,274	\$127,400
13	302		6008 SALV, HAUL & STKPL RCL APH PV (0"TO 4")	SY	\$30.00	62	\$1,860
14	360		6004 CONC PVMT (CONT REINF - CRCP) (10")	SY	\$60.00	21,647	\$1,298,820
15	450		6032 RAIL (TY C223)	LF	\$150.00	200	\$30,000
16	529		6005 CONC CURB (MONO) (TY II)	LF	\$5.00	10,712	\$53,560
17	530		6004 Driveways (conc)	SY	\$80.00	300	\$24,000
18	531		6003 CONC SIDEWALKS (6")	SY	\$75.00	1,745	\$130,875
19	613		High Mast Lighting	EA	\$60,000.00	3	\$180,000
20			ЅѠҎҎҎ	LS	\$25,000.00	1	\$25,000
21			Under Bridge Lighting	LS	\$25,000.00	1	\$25,000
22			Permanent Signing/Pavement Markings	LS	\$25,000.00	1	\$25,000
23			Hydromulch/Seeding	LS	\$10,000.00	1	\$10,000
24			Permanent Traffic Signal	EA	\$250,000.00	2	\$500,000
25			ITS Relocation	FS	\$15,000.00	1	\$15,000

US 290 MODIFICATIONS (TxDOT) SUBTOTAL Mobilization (8%)	\$3,870,176 \$309,614
ESTIMATED US 290 MODIFICATIONS (TxDOT) CONSTRUCTION TOTAL	\$4,179,790

\$580,526.41 Contingency - 15%

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US 290 at Greenhouse Rd

Exhibit B - Preliminary Cost Estimate

CSJ 0050-06-092

6/6/2022

US 290 RETAINING WALLS (TxDOT)

	SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE QUANTITY	QUANTITY	COST
1	423		6001 RETAINING WALL (MSE)	SF	\$50.00	006′8	\$445,000
2	423		6007 RETAINING WALL (DRILL SHAFT) (FACIA)	SF	\$500.00	8,900	\$4,450,000
3	423		6022 RETAINING WALL (SOIL NAIL)(FACIA)	SF	\$50.00	4,663	\$233,150
4	432		6002 RIPRAP (CONC)(5 IN)	CY	\$450.00	454	\$204,300
2	442		Tie Backs for Drill Shaft Retaining Wall (2.5-in diameter)	LB	\$10.00	77,634	\$776,340
9	450		6023 RAIL (TY SSTR)	LF	\$50.00	1,600	\$80,000

\$495,103	\$6,683,893	
Mobilization (8%)	ESTIMATED US 290 RETAINING WALLS (TxDOT) CONSTRUCTION TOTAL	

\$928,318.5

Contingency - 15%

\$6,188,790

US 290 RETAINING WALLS (TxDOT) SUBTOTAL

DRAINAGE

	SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
	1 402		6001 Trench Excavation Protection	T.	\$3.50	8350	\$29,225
2	2 461		6002 Conc Box Culv (3 Ft X 3 Ft)	I.F	\$250.00	28	\$7,000
3	3 461		6007 Conc Box Culv (5 Ft X 3 Ft)	I.F	\$300.00	234	\$70,200
4	1 461		6009 Conc Box Culv (5 Ft X 5 Ft)	LF	\$450.00	2006	\$902,700
5	5 461		6011 Conc Box Culv (6 Ft X 4 Ft)	LF	\$450.00	166	\$74,700
9	5 461		6043 Conc Box Culv (12 Ft X 10 Ft)	LF	\$1,200.00	2935	\$3,522,000
7	464		6005 Rc Pipe (CI III)(24 In)	LF	\$100.00	2482	\$248,200
8	3 464		6007 Rc Pipe (CI III)(30 In)	LF	\$150.00	78	\$3,900
6	465		6004 Manh (Compl)(Prm)(72In)	EA	\$8,000.00	9	\$48,000
10	(465		6040 Inlet (Compl)(Pcu)(5Ft)(Both)	EA	\$9,000.00	25	\$225,000
11	1 465		6225 Jct Box (Compl) (Spl)	EA	\$25,000.00	16	\$400,000
12	467		6112 Set (Ty I)(S=3 Ft)(Hw= 4 Ft)(4:1)	EA	\$5,000.00	1	\$5,000
13	467		6177 Set (Ty I)(S=5 Ft)(Hw= 4 Ft)(4:1)	EA	\$8,000.00	1	\$8,000
14	t 496		6008 Remov Str (Box Culvert)	LF	\$50.00	1450	\$72,500

DRAINAGE SUBTOTAL	\$5,616,425
Mobilization (8%)	\$449,314
ESTIMATED DRAINAGE TOTAL	\$6,065,739

\$842,463.75

Contingency - 15%

Exhibit B - Preliminary Cost Estimate

STORMWATER PUMP STATION

	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	LSOO
PS1	FLYGT MODEL LL3602, 280HP, 3/60/460V SUBMERSIBLE MIXED FLOW PUMP WITYH: 75 L.F. OF POWER CABLE 48"x60' HDG STEEL, 3/8" THICK WALL w/36" DISCHARGE PUMP TUBES	EA	\$350,000.00	4.00	\$1,400,000
PS2	Reinforced Concrete Structure (Wet Well) Including But Not Limited To All Reinforcing, Forming And Finishing Work	CY	\$600.00	1,000	\$600,000
PS3	Excavation, Backfilling, And Disposal Of Access Soil.	CY	\$22.50	000'6	\$202,500
PS4	Shoring, And Trench Safety Systems	SF	\$22.25	9,040	\$201,140
PS5	SITE WORK INCLUDING CLEARING AND GRUBBING, GRADING AND PAVING, EXCAVAVATION AND BACKFILL, UTILITY WORK AND FENCING	LS	\$500,000.00	1.00	\$500,000
PS6	PIPING INCLUDING THE VAULVE VAULT,EMERGEMCY PUMP LINE, INTERNAL AND EXTERAL PIPING, FITTINGS, VALVES, PAINTINGS AND COATING, SUMP PUMP AND ALL RELATED APPURTENANCES	LS	\$600,000.00	1.00	\$600,000
PS7	ELECTRIC SERVICE (INCLUDE AN "ALLOWANCE" OF \$20,000 FOR ELECTRIC SERVICE BY THE LOCAL ELECTRIC SERVICE PROVIDER. EXACT AMOUNT WILL BE REIMBURSED TO CONTRACTOR UPON SUBMITTAL OF INVOICE FROM ELECTRIC SERVICE PROVIDER)	SJ	\$511,000.00	1.00	\$511,000
PS8	GENERATOR SYSTEM (INCLUDE GENERATOR, SOUND ENCLOSURE, GROUNDING, TESTING, START UP, AND TRAINING)	SI	\$700,000.00	1.00	\$700,000
PS9	SCADA PROGRAMMING AND CONTROL SYSTEMS INCLUDING BUT NOT LIMITED TO INSTRUMENTATION PACKAGE, SOFTWARE LICENSE AND PROGRAMMING, COORDINATION WITH MUSTANG SUD'S SCADA INTEGRATOR	LS	\$66,000.00	1.00	\$66,000
PS10	Centerpoint Duct Bank And Transformer Facilities Including Underground Duct And Natural Gas Facilities	LS	\$95,000.00	1	\$95,000

\$4,875,640	\$390,051
TION SUBTOTAL	
STORMWATER PUMP STATION SL	Mobilization (8%)

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\$5,265,691

\$731,346.0

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Exhibit B - Preliminary Cost Estimate

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			ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
1	100		6002 PREPARING ROW	STA	\$5,000.00	16.87	\$84,350
2	110		6001 EXCAVATION (ROADWAY)	CY	\$10.00	100,000	\$1,000,000
3	760		6012 LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TONS	\$200.00	277	\$55,400
4	760		6084 LIME TRT (SUBGRADE)(12")	SY	\$4.00	10,277	\$41,109
2	716		6224 CEM TRT(PLNT MX) (CL N)(TY E)(GR 4)(6")	SY	\$10.00	10,277	\$102,774
9	767		6017 ASPHALT STAB BASE (GR 4)(PG 64)	TONS	\$100.00	595	\$56,500
7	098		6005 CONC PVMT (CONT REINF - CRCP) (11")	SY	00'59\$	509'6	\$624,325
8	278		6005 CONC CURB (MONO) (TY II)	LF	\$2.00	4,837	\$24,185
6	631	6009	6003 CONC SIDEWALKS (6")	SY	\$75.00	1,202	\$90,150
10			ЗМРРР	FS	\$25,000.00	1	\$25,000
11			Permanent Signing/Pavement Markings	LS S	\$25,000.00	1	\$25,000
12			Hydromulch/Seeding	LS .	\$10,000.00	1	\$10,000

GREENHOUSE ROAD SUBTOTAL Mobilization (8%)	
ESTIMATED GREENHOUSE ROAD CONSTRUCTION TOTAL	

\$2,138,793 \$171,103

\$2,309,896

\$320,818.94 Contingency - 15%

US 290 at Greenhouse Rd

Exhibit B - Preliminary Cost Estimate

6/6/2022

CSJ 0050-06-092

GREENHOUSE ROAD RETAINING WALLS

	SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE QUANTITY	QUANTITY	COST
1	1 423		6001 RETAINING WALL (MSE)	SF	\$50.00	21,232	\$1,061,600
2	423		6008 RETAINING WALL (CAST - IN - PLACE)	SF	\$50.00	2,451	\$122,550
m	3 450		6023 RAIL (TY SSTR)	LF	\$50.00	008	\$40,000
4	1 450		6032 RAIL (TY C223)	LF	\$150.00	1,050	\$157,500

GREENHOUSE ROAD RETAINING WALLS SUBTOTAL	
Mobilization (8%)	

ESTIMATED GREENHOUSE ROAD RETAINING WALLS

CONSTRUCTION TOTAL

\$1,381,650 \$110,532

\$1,492,182

\$207,247.5 Contingency - 15%

6/6/2022

UPRR

ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
BRIDGE				
1 STR Steel (Railroad deck-girder)	87	\$2.25	1,363,000	\$3,066,750
2 Handrail	<u>11</u>	\$100.00	300	\$30,000
3 STL H-PILING (HP14x89)	<u>11</u>	\$150.00	9,500	\$1,425,000
4 CL F Conc (Abut) (HPC)	CY	\$1,120.00	1,590	\$1,780,800
5 Waterproofing (TY RR-1)	λS	\$345.00	029	\$224,250
7 Backfill (TY A or B)	СУ	\$26.00	6,500	\$169,000
TRACK				
1 Remove Track	<u> </u>	\$30.00	1,335	\$40,050
2 Shift Track	<u>11</u>	\$200.00	2,390	\$478,000
3 TRACK 115# CWR W/ WOOD TIES AND BAL	<u>17</u>	\$280.00	400	\$112,000
4 Double Track Shoofly	<u>17</u>	\$721.00	1,805	\$1,301,405
5 Pipeline Protection	- IF	\$200.00	1,600	\$320,000
RETAINING WALL				
1 Sheet Piling (PZ-27)	SF	\$42.65	1,100	\$46,915
2 Retaining Wall (Sheet Pile) (Fascia)	SF	\$50.00	1,100	\$55,000
BOX CULVERTS				
1 Conc Box Culv (12ft X 10ft)	<u>11</u>	\$2,500.00	780	\$700,000

UPRR SUBTOTAL
Mobilization (8%)

ESTIMATED UPRR CONSTRUCTION TOTAL

\$2,924,7

\$2,924,751.0

\$10,529,104

\$9,749,170 \$779,934

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6/6/2022

CSJ 0050-06-092

TRAFFIC CONTROL PLAN/TEMPORARY DETOURS

		I KAFFIC COIN I KUL PLAIN/ I EINIPUKAKY DEI UUKS	IOURS			
SPEC	C ITEM	I ITEM DESCRIPTION	UNIT	UNIT PRICE QUANTITY	QUANTITY	COST
1	205	6001 Traffic Control	OM	\$5,000	18	\$90,000
2	208	6001 Constructing Detours	λS	\$9\$	2614	\$169,910
		TRAFFIC CONTROL PLAN/TEMPORARY DETOURS SUBTOTAL	Y DETOURS SUBTOTAL			\$259,910
		Mobilization (8%)				\$20,793
		ESTIMATED TRAFFIC CONTROL PLAN/TEMPORARY DETOURS CONSTRUCTION TOTAL	/TEMPORARY			\$280,703

\$38,986.5

Contingency - 15%

Signature Certificate

Reference number: 5EHKT-S8EQN-8HMSU-WE6TZ

Signer Timestamp Signature

Truman Edminster

Email: tedminster@ehrainc.com

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 07 Jun 2022 21:18:35 UTC

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 07 Jun 2022 21:36:09 UTC

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June 9, 2022

Mr. Craig Raborn Houston-Galveston Area Council P.O. Box 22777 Houston, Tx 77227-2777

Re: Gulf Coast Transit District TDC and TIP Programming Request for FY 22 FTA Formula 5307 Urban Area Program of Projects

Dear Mr. Raborn,

The Gulf Coast Transit District (GCTD) respectfully requests H-GAC program GCTD's FY 22 program of projects awarded under FTA Formula 5307 program. GCTD also requests H-GAC's consideration in providing Transportation Development Credits as local match for these awards.

The program of projects and TDC requests are shown in the table below. If you have any questions regarding this request, please contact me at (409) 359-7889 or email me at smiddleton@gulfcoasttransitdistrict.com.

Gulf Coast Transit District FY 22 Section 5307 Program of Projects				
Urbanized Area	Project	Federal	TDC	
		Funds	Request	
Texas City / La Marque	Transit Capital Expenditures	\$150,000	30,000	
Texas City / La Marque	Transit Planning Expenditures	\$ 75,000	15,000	
Texas City / La Marque	Transit Operating Expenditures	\$1,739,331	1,739,331	
Total		\$1,964,331	1,784,331	
Lake Jackson / Angleton	Transit Capital Expenditures	\$150,000	30,000	
Lake Jackson / Angleton	Transit Planning Expenditures	\$ 75,000	15,000	
Lake Jackson / Angleton	Transit Operating Expenditures	\$1,793,468	1,793,468	
Total		\$2,018,468	1,838,468	

Respectfully,

Sean Middleton Executive Director

Gulf Coast Transit District

Contact Information

Name Phone Number E-Mail Address

Pamela LeBrane 281-243-6702 pamela.lebrane@fortbendcountytx.gov

Project Information

MPOID Sponsor Name
11935 Fort Bend County

TIP Project Description

Fort Bend County Public Transportation is requesting to reassign TDC's . Funding will be assigned to MPO ID 11935: Bus Station, Stops & Terminals, Westpark Construction.

 Federal Cost
 TDC Request

 \$892,470
 178,494

Is this project currently in the TIP?

Is this project currently in the RTP?

No No

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.

Fort Bend County will use TDC's as match for capital and use local funds, generally applied to capital, planning, and operating, to cover additional operating costs in excess of the operating cap.

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.

Fort Bend County is using TDC's to match capital funds to allow local funds, generally allocated to these projects, to be used instead for additional operating costs in excess of the operating cap. The federal operating cap imposed by the FAST Act is well below the amount which would have typically been eligible for federal reimbursement; consequently, Fort Bend County will use local match cash for the resulting deficit in federal reimbursement. Fort Bend County provides local match cash in support of public transportation services and has a local funding budget of \$2,579,624 for FY2022.

Date Submitted

07/12/2022

Contact Information

Name Phone Number E-Mail Address

Sean Middleton 409-359-7889 smiddleton@gulfcoasttransitdistrict.com

Project Information

MPOID Sponsor Name

18866 Gulf Coast Transit District

TIP Project Description

The Gulf Coast Transit District (GCTD) is requesting 30,000 Transportation Development Credits as local match for the Texas City/La Marque small urbanized area - FY 22 Program of Projects - Capital Expenditures.

Federal Cost TDC Request

\$150,000 30,000

Is this project currently in the TIP?

Is this project currently in the RTP?

No No

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.

GCTD will use TDCs as match for the FY 2022 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to capital costs, to support on-going transit operations and the purchase of rolling stock.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Transit Project

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

TDCs will allow GCTD to utilize 100% of their 5307 funds for capital expenditures so the local funds normally allocated to these projects can be used for support of public transit. GCTD continues to provide local funding in support of public transit and has a local funding budget of \$702,845 for FY 2022.

Date Submitted

Contact Information

Name Phone Number E-Mail Address

Christina Atkinson 409-359-7892 catkinson@gulfcoasttransitdistrict.com

Project Information

MPOID Sponsor Name

18867 Gulf Coast Transit District

TIP Project Description

The Gulf Coast Center is requesting 15,000 Transportation Development Credits (TDC) as local match for the Texas City / La Marque Small Urbanized Area FY 2022 Section 5307 program of projects transit operating assistance and the Lake Jackson / Angleton Small Urbanized Area FY 2022 program of projects transit operating assistance.

Federal Cost TDC Request

\$75,000 15,000

Is this project currently in the TIP?

Is this project currently in the RTP?

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.

GCTD will use TDCs as match for FY2022 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to construction, to support on-going transit operations and the purchase of rolling stock.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Transit Project

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

TDCs will allow GCTD to utilize 100% of their 5307 funds on planning so the local funds normally allocated to these projects can be used for support of public transit. With TDCs matching the FY 2022 5307 grant, existing local funding will be used to support on-going transit operations and enable the purchase of rolling stock. GCC continues to provide local funding in support of public transit and has a local funding budget of \$702,845 for FY 2022.

Date Submitted

Contact Information

Name Phone Number E-Mail Address

Christina Atkinson 409-359-7892 catkinson@gulfcoasttransitdistrict.com

Project Information

MPOID Sponsor Name

18868 Gulf Coast Transit District

TIP Project Description

The Gulf Coast Transit District (GCTD) is requesting 1,739,331 Transportation Development Credits (TDC) as local match for the Texas City / La Marque Small Urbanized Area FY 2022 Section 5307 program of projects transit operating assistance and the Lake Jackson / Angleton Small Urbanized Area FY 2022 program of projects transit operating assistance.

 Federal Cost
 TDC Request

 \$1,739,331
 1,739,331

Is this project currently in the TIP?

Is this project currently in the RTP?

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.

GCTD will use TDCs as match for FY 2022 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to construction, to support on-going transit operations and the purchase of rolling stock.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Transit Project

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

TDCs will allow GCTD to utilize 100% of their 5307 funds on operating expenditures so the local funds normally allocated to these projects can be used for support of public transit. With TDCs matching the FY 2022 FY 5307 grant, existing local funding will be used to support on-going transit operations and enable the purchase of rolling stock. GCTD continues to provide local funding in support of public transit and has a local funding budget of \$702,845 for FY 2022.

Date Submitted

Contact Information

Name Phone Number E-Mail Address

Christina Atkinson 409-359-7892 catkinson@gulfcoasttransitdistrict.com

Project Information

MPOID Sponsor Name

18869 Gulf Coast Transit District

TIP Project Description

The Gulf Coast Transit District (GCTD) is requesting 30,000 Transportation Development Credits as local match for the Lake Jackson / Angleton Small Urbanized Area FY 2022 Section 5307 program of projects - Capital Expenditures.

Federal Cost TDC Request

\$150,000 30,000

Is this project currently in the TIP?

Is this project currently in the RTP?

No No

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.

GCTD will use TDCs as match for the FY 2022 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to capital costs, to support on-going transit operations and the purchase of rolling stock.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Transit Project

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

TDCs will allow GCTD to utilize 100% of their 5307 funds for capital expenditures so the local funds normally allocated to these projects can be used for support of public transit. GCTD continues to provide local funding in support of public transit and has a local funding budget of \$702,845 for FY 2022.

Date Submitted

Contact Information

Name Phone Number E-Mail Address

Christina Atkinson 409-359-7892 catkinson@gulfcoasttransitdistrict.com

Project Information

MPOID Sponsor Name

18870 Gulf Coast Transit District

TIP Project Description

The Gulf Coast Transit District (GCTD) is requesting 15,000 Transportation Development Credits as local match for the Lake Jackson / Angleton Small Urbanized Area FY 2022 Section 5307 program of projects - Planning Expenditures.

Federal Cost TDC Request

\$75,000 15,000

Is this project currently in the TIP?

Is this project currently in the RTP?

No No

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.

GCTD will use TDCs as match for the FY 2022 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to planning costs, to support on-going transit operations and the purchase of rolling stock.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Transit Project

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

TDCs will allow GCTD to utilize 100% of their 5307 funds for planning expenditures so the local funds normally allocated to these projects can be used for support of public transit. GCTD continues to provide local funding in support of public transit and has a local funding budget of \$702,845 for FY 2022.

Date Submitted

Contact Information

Name Phone Number E-Mail Address

Christina Atkinson 409-359-7892 catkinson@gulfcoasttransitdistrict.com

Project Information

MPOID Sponsor Name

18871 Gulf Coast Transit District

TIP Project Description

The Gulf Coast Transit District is requesting 1,793,468 Transportation Development Credits as local match for the Lake Jackson / Angleton Small Urbanized Area FY 2022 Section 5307 program of projects - Operating Expenditures.

 Federal Cost
 TDC Request

 \$1,793,468
 1,793,468

Is this project currently in the TIP? Is this project currently in the RTP?

No No

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.

GCTD will use TDCs as match for the FY 2022 FTA 5307 Urban Area Formula Program funding and use existing local funding, which would have been applied to operating costs, to support on-going transit operations and the purchase of rolling stock.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Transit Project

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

TDCs will allow GCTD to utilize 100% of their 5307 funds for operating expenditures so the local funds normally allocated to these projects can be used for support of public transit. GCTD continues to provide local funding in support of public transit and has a local funding budget of \$702,845 for FY 2022.

Date Submitted