

12A. FUTURE AMENDMENTS TO THE 2023-2026 TIP AND 2045 RTP

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 future revisions to the 2023-2026 TIP are included below for the Committee's review.

- 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) as they 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 with the TXDOT Houston District. (Total Cost: \$14.9M)

- Delay the TXDOT Houston District US 90A widening project (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)
- Split the TXDOT Houston District SH 99 Segment-B tollway construction project (MPO ID 257/CSJ 3510-02-001) creating (MPO ID 18872/CSJ 3510-02-008) with \$319M of the local Category-3 Tollway funding which is being converted from local to state. (-\$203.8M; Total Cost: \$487.0M)
- 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 at TXDOT's request. (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. Split the federal and local participation on an 80/20 basis. (+\$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 of the TIP with 3.6M Transportation Development Credits 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; Total Cost: \$4.0M)

ACTION REQUESTED

For Information and Discussion

H-GAC 2023-2026 TIP and 2045 RTP

July 2022 Future Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
1	257 3510-02-001	TXDOT HOUSTON DISTRICT (BRA)	SH 99 (S OF FM 1462, GALVESTON C/...) SEG B: CONSTRUCT 4 LANE TOLLWAY WITH INTERCHANGES AND TWO NON-CONTINUOUS 2 LANE FRONTAGE ROADS	R	Yes	<input checked="" type="checkbox"/> + \$168.0	<input type="checkbox"/> (\$690.8)	<input checked="" type="checkbox"/> Limits (split out 18872).	<input checked="" type="checkbox"/> FY 2026 to FY 2025.
2	263 0188-01-016	TXDOT HOUSTON DISTRICT (FOR)	SH 36 (IH 69 S, FM 2218) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES DIVIDED	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2024.
3	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	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2024 to FY 2025.
4	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	R	No	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	7706 0338-07-019	TXDOT HOUSTON DISTRICT (MON)	SH 105 (SAN JACINTO ..., LIBERTY C/L) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2025.
6	17062 0912-34-192	FORT BEND COUNTY (FOR)	FORT BEND COUNTY (VA, VA) CONSTRUCT WIRELESS TRAFFIC SIGNAL COMMUNICATION SYSTEM	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> 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	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2025.
8	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	R	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
9	18028 0110-04-205	MONTGOMERY COUNTY (MON)	IH 45 (AT SH 242, NULL) CONSTRUCT NEW DIRECT CONNECTOR (NB-EB)	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2024.
10	18029 0027-08-147	TXDOT HOUSTON DISTRICT (HAR)	US 90A (FM 359, SH 99) RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES DIVIDED (PHASE 2 OF 3)	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> 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.	R	No	<input checked="" type="checkbox"/> + \$6.2	<input type="checkbox"/> (\$0.8)	<input type="checkbox"/>	<input type="checkbox"/>

H-GAC 2023-2026 TIP and 2045 RTP

July 2022 Future Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
12	18343	FORT BEND COUNTY PUBLIC ... (FOR)	FORT BEND COUNTY (VA, VA) BUS SUPPORT AND FACILITIES, MISC SOFTWARE AND HARDWARE, BUS WRAPS AND SOFTWARE MAINTENANCE: FY 2022	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
13	18355 0912-00-651	METRO (HAR)	METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL PROGRAM: CMAQ FY 2023	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
14	18356 0912-00-653	METRO (HAR)	METRO SERVICE AREA (VA, VA) METRO STAR VANPOOL PROGRAM: CMAQ FY 2024	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
15	18364 0912-00-654	METRO (MUL)	HOUSTON-GALVESTON TMA (VA, VA) REGIONAL VANPOOL PROGRAM: CMAQ FY 2024	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2024.
16	18866	GULF COAST TRANSIT DISTR...	TEXAS CITY/LA MARQUE UZA (VA, VA) TRANSIT CAPITAL EXPENDITURES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
17	18867	H-GAC (GAL)	TEXAS CITY/LA MARQUE UZA (VA, VA) TRANSIT PLANNING EXPENDITURES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
18	18868	GULF COAST TRANSIT DISTR...	TEXAS CITY/LA MARQUE UZA (VA, VA) TRANSIT OPERATING EXPENDITURES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
19	18869	GULF COAST TRANSIT DISTR...	LAKE JACKSON/ANGLETON UZA (VA, VA) TRANSIT CAPITAL EXPENDITURES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
20	18870	GULF COAST TRANSIT DISTR...	LAKE JACKSON/ANGLETON UZA (VA, VA) TRANSIT PLANNING EXPENDITURES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
21	18871	GULF COAST TRANSIT DISTR...	LAKE JACKSON/ANGLETON UZA (VA, VA) TRANSIT OPERATING EXPENDITURES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
22	18872 3510-02-008	TXDOT HOUSTON DISTRICT (BRA)	SH 99 (S OF FM 1462, SH 288) SEG B: CONSTRUCT 4-LANE TOLLWAY WITH INTERCHANGES AND TWO NON-CONTINUOUS 2-LANE FRONTAGE ROADS	R	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2025.

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **257 / 3510-02-001** **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	3510-02-001	SH 99	C	NONE	TXDOT HOUSTON DISTRICT	\$168,000,000

STREET: SH 99 MPO PROJECT ID: 257
 LIMITS FROM: S OF FM 1462 VOC: kg/day
 LIMITS TO: GALVESTON C/L NOx: kg/day
 TIP DESCRIPTION : SEG B: CONSTRUCT 4 LANE TOLLWAY WITH INTERCHANGES AND TWO NON-CONTINUOUS 2 LANE FRONTAGE ROADS

Project History : Amendment # AUG-2022- 2022-08-26 Split out MPO ID 18872/CSJ 3510-02-008, advance to FY 2025 and reduce funding to \$168M 100% State Cat-3 Toll.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$8,232,000	\$168,000,000	3-TOLL	\$0	\$168,000,000	\$0	\$0	\$168,000,000
Right Of Way:	\$0		Funding by share:	\$0	\$168,000,000	\$0	\$0	\$168,000,000
Construction:	\$168,000,000		TDC: 0					
Construction Engineering:	\$6,720,000							
Contingencies:	\$16,800,000							
Indirects:	\$8,534,400							
Bond Financing:	\$0							
Total Project Cost	\$208,286,400							

OLD VERSION

MPOID / CSJ **257 / 3510-02-001** **STIP Revision Date:** **FY 2026**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	3510-02-001	SH 99	C	NONE	TXDOT HOUSTON DISTRICT	\$690,800,000

STREET: SH 99 MPO PROJECT ID: 257
 LIMITS FROM: SH 288 VOC: kg/day
 LIMITS TO: GALVESTON C/L NOx: kg/day
 TIP DESCRIPTION : SEG B: CONSTRUCT 4 LANE TOLLWAY WITH INTERCHANGES AND TWO NON-CONTINUOUS 2 LANE FRONTAGE ROADS

Project History :

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$33,849,200	\$690,800,000	3-TOLL	\$0	\$0	\$690,800,000	\$0	\$690,800,000
Right Of Way:	\$0		Funding by share:	\$0	\$0	\$690,800,000	\$0	\$690,800,000
Construction:	\$690,800,000		TDC: 0					
Construction Engineering:	\$27,632,000							
Contingencies:	\$69,080,000							
Indirects:	\$35,092,640							
Bond Financing:	\$0							
Total Project Cost	\$856,453,840							

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **263 / 0188-01-016** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0188-01-016	SH 36	C	ROSENBERG	TXDOT HOUSTON DISTRICT	\$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 : RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES DIVIDED							

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

OLD VERSION

MPOID / CSJ **263 / 0188-01-016** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0188-01-016	SH 36	C	ROSENBERG	TXDOT HOUSTON DISTRICT	\$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 : RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES DIVIDED							

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **290 / 1062-02-011** **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	1062-02-011	FM 2100	C	NONE	TXDOT HOUSTON DISTRICT	\$31,000,000

STREET: FM 2100 MPO PROJECT ID: 290
 LIMITS FROM: SH 99 VOC: kg/day
 LIMITS TO: HUFFMAN-CLEVELAND RD (NORTH) NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES AND EXTEND DIVIDED 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 Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,519,000	\$31,000,000	2-METRO-TMA	\$24,800,000	\$6,200,000	\$0	\$0	\$31,000,000
Right Of Way:	\$0		Funding by share:	\$24,800,000	\$6,200,000	\$0	\$0	\$31,000,000
Construction:	\$31,000,000							
Construction Engineering:	\$1,240,000							
Contingencies:	\$3,100,000							
Indirects:	\$1,574,800							
Bond Financing:	\$0							
Total Project Cost	\$38,433,800							
			TDC:	0				

OLD VERSION

MPOID / CSJ **290 / 1062-02-011** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	1062-02-011	FM 2100	C	NONE	TXDOT HOUSTON DISTRICT	\$31,000,000

STREET: FM 2100 MPO PROJECT ID: 290
 LIMITS FROM: SH 99 VOC: kg/day
 LIMITS TO: HUFFMAN-CLEVELAND RD (NORTH) NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES AND EXTEND DIVIDED ROADWAY

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **6056 / 0271-04-070** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Waller	0271-04-070	IH 10	C	BROOKSHIRE	TXDOT HOUSTON 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
 TIP DESCRIPTION : WIDEN FROM 6 TO 8 MAINLANES AND ADD TWO NEW MANAGED LANES

Project History : Amendment # AUG-2022- 2022-08-26 Replace frontage roads with two new managed lanes per TXDOT's request.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$14,343,103	\$292,716,385	12-STRATEGIC	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385
Right Of Way:	\$0		Funding by share:	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385
Construction:	\$292,716,385		TDC: 0					
Construction Engineering:	\$11,708,655							
Contingencies:	\$29,271,639							
Indirects:	\$14,869,992							
Bond Financing:	\$0							
Total Project Cost	\$362,909,774							

OLD VERSION

MPOID / CSJ **6056 / 0271-04-070** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Waller	0271-04-070	IH 10	C	BROOKSHIRE	TXDOT HOUSTON 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
 TIP DESCRIPTION : WIDEN FROM 6 TO 8 MAINLANES AND RECONSTRUCT BOTH 2-LANE FRONTAGE ROADS

Project History :

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$14,343,103	\$292,716,385	12-STRATEGIC	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385
Right Of Way:	\$0		Funding by share:	\$234,173,108	\$58,543,277	\$0	\$0	\$292,716,385
Construction:	\$292,716,385		TDC: 0					
Construction Engineering:	\$11,708,655							
Contingencies:	\$29,271,639							
Indirects:	\$14,869,992							
Bond Financing:	\$0							
Total Project Cost	\$362,909,774							

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
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JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **7706 / 0338-07-019** **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery	0338-07-019	SH 105	C	NONE	TXDOT HOUSTON DISTRICT	\$32,560,000
STREET:		SH 105		MPO PROJECT ID:		7706	
LIMITS FROM:		SAN JACINTO C/L		VOC:		kg/day	
LIMITS TO:		LIBERTY C/L		NOx:		kg/day	
TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED							

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 Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,595,440	\$32,560,000	2-METRO-TMA	\$26,048,000	\$6,512,000	\$0	\$0	\$32,560,000
Right Of Way:	\$724,320		Funding by share:	\$26,048,000	\$6,512,000	\$0	\$0	\$32,560,000
Construction:	\$32,560,000		TDC: 0					
Construction Engineering:	\$1,302,400							
Contingencies:	\$3,256,000							
Indirects:	\$1,654,048							
Bond Financing:	\$0							
Total Project Cost	\$41,092,208							

OLD VERSION

MPOID / CSJ **7706 / 0338-07-019** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery	0338-07-019	SH 105	C	NONE	TXDOT HOUSTON DISTRICT	\$32,560,000
STREET:		SH 105		MPO PROJECT ID:		7706	
LIMITS FROM:		SAN JACINTO C/L		VOC:		kg/day	
LIMITS TO:		LIBERTY C/L		NOx:		kg/day	
TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED							

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **17062 / 0912-34-192** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	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 : CONSTRUCT WIRELESS TRAFFIC SIGNAL COMMUNICATION SYSTEM

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

Remarks:

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

OLD VERSION

MPOID / CSJ **17062 / 0912-34-192** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	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 : CONSTRUCT WIRELESS TRAFFIC SIGNAL COMMUNICATION SYSTEM

Project History :

Remarks:

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

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

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ		17085 / 2941-02-056		STIP Revision Date:			FY 2025
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	2941-02-056	FM 2920	C:E:R	TOMBALL	CITY OF TOMBALL	\$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 : RECONSTRUCT 4-LANE ROADWAY WITH RAISED MEDIANS, DRAINAGE, SIGNAL IMPROVEMENTS AND SIDEWALKS

Project History : Amendment # AUG-2022- 2022-08-26 Delay from FY 2023 to FY 2025 due to additional coordination required with local entity to confirm scope.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:				Funding By Category	
Preliminary Engineering:	\$896,278		Funding Category	Federal	State	Local		Local Contribution
Right Of Way:	\$1,362,500	\$28,613,000	2-METRO-TMA	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Construction:	\$18,291,381		Funding by share:	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Construction Engineering:	\$731,655		TDC: 0					
Contingencies:	\$1,829,138							
Indirects:	\$929,202							
Bond Financing:	\$0							
Total Project Cost	\$24,040,155							

OLD VERSION

MPOID / CSJ		17085 / 2941-02-056		STIP Revision Date:			FY 2023
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	2941-02-056	FM 2920	C:E:R	TOMBALL	CITY OF TOMBALL	\$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 : RECONSTRUCT 4-LANE ROADWAY WITH RAISED MEDIANS, DRAINAGE, SIGNAL IMPROVEMENTS AND SIDEWALKS

Project History :

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:				Funding By Category	
Preliminary Engineering:	\$896,278		Funding Category	Federal	State	Local		Local Contribution
Right Of Way:	\$1,362,500	\$28,613,000	2-METRO-TMA	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Construction:	\$18,291,381		Funding by share:	\$22,890,400	\$5,722,600	\$0	\$0	\$28,613,000
Construction Engineering:	\$731,655		TDC: 0					
Contingencies:	\$1,829,138							
Indirects:	\$929,202							
Bond Financing:	\$0							
Total Project Cost	\$24,040,155							

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2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ 17110 / 0111-03-059 **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0111-03-059	FM 521	C	ARCOLA	FORT BEND COUNTY	\$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 :	RECONSTRUCT AND WIDEN FROM 2 TO 4-LANES WITH RAISED MEDIANS, INTERSECTION IMPROVEMENTS, SIGNAL IMPROVEMENTS AND PEDESTRIAN ACCESS						

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

OLD VERSION

MPOID / CSJ 17110 / 0111-03-059 **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0111-03-059	FM 521	C	ARCOLA	FORT BEND COUNTY	\$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 :	RECONSTRUCT AND WIDEN FROM 2 TO 4-LANES WITH RAISED MEDIANS, INTERSECTION IMPROVEMENTS, SIGNAL IMPROVEMENTS AND PEDESTRIAN ACCESS						

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.***

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18028 / 0110-04-205** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	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 NEW DIRECT CONNECTOR (NB-EB)

Project History : Amendment # AUG-2022- 2022-08-26 Delay from FY 2023 to FY 2024 at TXDOT Houston District's request due to design and agreement issues. Montgomery County concurs with the delay.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$697,458	\$14,931,286	3-LOCAL CONT	\$0	\$0	\$14,931,286	\$14,931,286	\$14,931,286
Right Of Way:	\$0		Funding by share:	\$0	\$0	\$0	\$14,931,286	\$14,931,286
Construction:	\$14,233,828		TDC: 0					
Construction Engineering:	\$711,691							
Contingencies:	\$1,423,383							
Indirects:	\$723,078							
Bond Financing:	\$0							
Total Project Cost	\$17,789,439							

OLD VERSION

MPOID / CSJ **18028 / 0110-04-205** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	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 NEW 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.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$697,458	\$14,931,286	3-LOCAL CONT	\$0	\$0	\$0	\$14,931,286	\$14,931,286
Right Of Way:	\$0		Funding by share:	\$0	\$0	\$0	\$14,931,286	\$14,931,286
Construction:	\$14,233,828		TDC: 0					
Construction Engineering:	\$711,691							
Contingencies:	\$1,423,383							
Indirects:	\$723,078							
Bond Financing:	\$0							
Total Project Cost	\$17,789,439							

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18029 / 0027-08-147** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0027-08-147	US 90A	C	NONE	TXDOT HOUSTON DISTRICT	\$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 : RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES DIVIDED (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 Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,715,000	\$35,000,000	2-METRO-TMA	\$28,000,000	\$7,000,000	\$0	\$0	\$35,000,000
Right Of Way:	\$0		Funding by share:	\$28,000,000	\$7,000,000	\$0	\$0	\$35,000,000
Construction:	\$35,000,000							
Construction Engineering:	\$1,400,000							
Contingencies:	\$3,500,000							
Indirects:	\$1,778,000							
Bond Financing:	\$0							
Total Project Cost	\$43,393,000							

TDC: 0

OLD VERSION

MPOID / CSJ **18029 / 0027-08-147** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0027-08-147	US 90A	C	NONE	TXDOT HOUSTON DISTRICT	\$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 : RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES DIVIDED (PHASE 2 OF 3)

Project History :

Remarks:

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

TDC: 0

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ 18052 / 0050-06-092 STIP Revision Date: FY 2024

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0050-06-092	CR	C	HOUSTON	HARRIS COUNTY MUD #500	\$43,380,000

STREET: GREENHOUSE 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 : 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.

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

OLD VERSION

MPOID / CSJ 18052 / 0050-06-092 STIP Revision Date: FY 2024

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0050-06-092	CR	C	HOUSTON	HARRIS COUNTY MUD #500	\$37,959,571

STREET: GREENHOUSE 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 : 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.

Project History :

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,860,019	\$37,959,571	7-STBG	\$28,469,678	\$0	\$9,489,893	\$0	\$37,959,571
Right Of Way:	\$0		Funding by share:	\$28,469,678	\$0	\$9,489,893	\$0	\$37,959,571
Construction:	\$37,959,571		TDC: 0					
Construction Engineering:	\$1,518,383							
Contingencies:	\$3,795,957							
Indirects:	\$1,928,346							
Bond Financing:	\$0							
Total Project Cost	\$47,062,276							

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18343 /** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend		VA		NONE	FORT BEND COUNTY PUBLIC TRANSPORTATION	\$615,646
STREET:						FORT BEND COUNTY	MPO PROJECT ID: 18343
LIMITS FROM:						VA	VOC: kg/day
LIMITS TO:						VA	NOx: kg/day
TIP DESCRIPTION : BUS SUPPORT AND FACILITIES, MISC SOFTWARE AND HARDWARE, BUS WRAPS AND SOFTWARE MAINTENANCE: FY 2022							

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

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$615,646	Sec. 5307	\$615,646	\$0	\$0	\$0	\$615,646
Right Of Way:	\$0							
Construction:	\$615,646							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$615,646		Funding by share:	\$615,646	\$0	\$0	\$0	\$615,646
			TDC: 0					

OLD VERSION

MPOID / CSJ **18343 /** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend		VA		NONE	FORT BEND COUNTY PUBLIC TRANSPORTATION	\$615,646
STREET:						FORT BEND COUNTY	MPO PROJECT ID: 18343
LIMITS FROM:						VA	VOC: kg/day
LIMITS TO:						VA	NOx: kg/day
TIP DESCRIPTION : BUS SUPPORT AND FACILITIES, MISC SOFTWARE AND HARDWARE, BUS WRAPS AND SOFTWARE MAINTENANCE: FY 2022							

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

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$615,646	Sec. 5307	\$615,646	\$0	\$0	\$0	\$615,646
Right Of Way:	\$0							
Construction:	\$615,646							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$615,646		Funding by share:	\$615,646	\$0	\$0	\$0	\$615,646
			TDC:					

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

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18355 / 0912-00-651** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-00-651	VA		HOUSTON	METRO	\$2,400,000

STREET: METRO SERVICE AREA MPO PROJECT ID: 18355
 LIMITS FROM: VA VOC: 6.54 kg/day
 LIMITS TO: VA NOx: 31.68 kg/day
 TIP DESCRIPTION : METRO STAR VANPOOL PROGRAM: CMAQ FY 2023

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

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

Total Project Cost Information:

	Cost of Approved Phases:
Preliminary Engineering:	\$0
Right Of Way:	\$0
Construction:	\$2,400,000
Construction Engineering:	\$0
Contingencies:	\$0
Indirects:	\$0
Bond Financing:	\$0
Total Project Cost	\$2,400,000

Authorized Funding by Category/Share:

Funding Category	Federal	State	Local	Local Contribution	Funding By Category
5-CMAQ	\$2,400,000	\$0	\$0	\$0	\$2,400,000
Funding by share:	\$2,400,000	\$0	\$0	\$0	\$2,400,000

TDC: 0

OLD VERSION

MPOID / CSJ **18355 / 0912-00-651** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-00-651	VA		HOUSTON	METRO	\$2,400,000

STREET: METRO SERVICE AREA MPO PROJECT ID: 18355
 LIMITS FROM: VA VOC: 6.54 kg/day
 LIMITS TO: VA NOx: 31.68 kg/day
 TIP DESCRIPTION : METRO STAR VANPOOL PROGRAM: CMAQ FY 2023

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 Information:

	Cost of Approved Phases:
Preliminary Engineering:	\$0
Right Of Way:	\$0
Construction:	\$2,400,000
Construction Engineering:	\$0
Contingencies:	\$0
Indirects:	\$0
Bond Financing:	\$0
Total Project Cost	\$2,400,000

Authorized Funding by Category/Share:

Funding Category	Federal	State	Local	Local Contribution	Funding By Category
5-CMAQ	\$2,400,000	\$0	\$0	\$0	\$2,400,000
Funding by share:	\$2,400,000	\$0	\$0	\$0	\$2,400,000

TDC:

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18356 / 0912-00-653** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-00-653	VA		HOUSTON	METRO	\$1,200,000

STREET: METRO SERVICE AREA MPO PROJECT ID: 18356
 LIMITS FROM: VA VOC: 6.54 kg/day
 LIMITS TO: VA NOx: 31.68 kg/day
 TIP DESCRIPTION : METRO STAR VANPOOL PROGRAM: CMAQ FY 2024

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 480,000 TDCs in lieu of local matching funds.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$1,200,000	5-CMAQ	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Right Of Way:	\$0							
Construction:	\$1,200,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$1,200,000		Funding by share:	\$1,200,000	\$0	\$0	\$0	\$1,200,000
			TDC: 0					

OLD VERSION

MPOID / CSJ **18356 / 0912-00-653** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-00-653	VA		HOUSTON	METRO	\$1,200,000

STREET: METRO SERVICE AREA MPO PROJECT ID: 18356
 LIMITS FROM: VA VOC: 6.54 kg/day
 LIMITS TO: VA NOx: 31.68 kg/day
 TIP DESCRIPTION : METRO STAR VANPOOL PROGRAM: CMAQ FY 2024

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 Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$1,200,000	5-CMAQ	\$1,200,000	\$0	\$0	\$0	\$1,200,000
Right Of Way:	\$0							
Construction:	\$1,200,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$1,200,000		Funding by share:	\$1,200,000	\$0	\$0	\$0	\$1,200,000
			TDC:					

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

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ 18364 / 0912-00-654 STIP Revision Date: FY 2024

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Multiple	0912-00-654	VA		NONE	METRO	\$1,250,000

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18364
 LIMITS FROM: VA VOC: 0.00 kg/day
 LIMITS TO: VA NOx: 0.00 kg/day
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: CMAQ FY 2024

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:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$1,250,000	5-CMAQ	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Right Of Way:	\$0							
Construction:	\$1,250,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$1,250,000		Funding by share:	\$1,250,000	\$0	\$0	\$0	\$1,250,000

TDC: 0

OLD VERSION

MPOID / CSJ 18364 / 0912-00-654 STIP Revision Date: FY 2024

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Multiple	0912-00-654	VA		NONE	METRO	\$1,250,000

STREET: HOUSTON-GALVESTON TMA MPO PROJECT ID: 18364
 LIMITS FROM: VA VOC: 0.00 kg/day
 LIMITS TO: VA NOx: 0.00 kg/day
 TIP DESCRIPTION : REGIONAL VANPOOL PROGRAM: CMAQ 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.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$1,250,000	5-CMAQ	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Right Of Way:	\$0							
Construction:	\$1,250,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$1,250,000		Funding by share:	\$1,250,000	\$0	\$0	\$0	\$1,250,000

TDC:

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18866 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Galveston		VA	Capital	TEXAS CITY	GULF COAST TRANSIT DISTRICT	\$150,000

STREET: TEXAS CITY/LA MARQUE UZA MPO PROJECT ID: 18866
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : TRANSIT CAPITAL EXPENDITURES

Project History : Amendment # AUG-2022- 2022-08-26 Program the Gulf Coast Transit District FY 2022 FTA Section 5307 Program of Projects in FY 2023.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$7,350	\$150,000	Sec. 5307	\$150,000	\$0	\$0	\$0	\$150,000
Right Of Way:	\$0							
Construction:	\$150,000							
Construction Engineering:	\$13,500							
Contingencies:	\$15,000							
Indirects:	\$7,620							
Bond Financing:	\$0							
Total Project Cost	\$193,470		Funding by share:	\$150,000	\$0	\$0	\$0	\$150,000
			TDC: 30,000					

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18867 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Galveston		VA	Planning	TEXAS CITY	H-GAC	\$75,000

STREET: TEXAS CITY/LA MARQUE UZA MPO PROJECT ID: 18867
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : TRANSIT PLANNING EXPENDITURES

Project History : Amendment # AUG-2022- 2022-08-26 Program the Gulf Coast Transit District FY 2022 FTA Section 5307 Program of Projects in FY 2023.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$75,000	Sec. 5307	\$75,000	\$0	\$0	\$0	\$75,000
Right Of Way:	\$75,000							
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$75,000		Funding by share:	\$75,000	\$0	\$0	\$0	\$75,000
			TDC:	15,000				

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18868 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Galveston		VA	Operating	TEXAS CITY	GULF COAST TRANSIT DISTRICT	\$1,739,331

STREET: TEXAS CITY/LA MARQUE UZA MPO PROJECT ID: 18868
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : TRANSIT OPERATING EXPENDITURES

Project History : Amendment # AUG-2022- 2022-08-26 Program the Gulf Coast Transit District FY 2022 FTA Section 5307 Program of Projects in FY 2023.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,739,331	\$1,739,331	Sec. 5307	\$1,739,331	\$0	\$0	\$0	\$1,739,331
Right Of Way:	\$0		Funding by share:	\$1,739,331	\$0	\$0	\$0	\$1,739,331
Construction:	\$0		TDC: 1,739,331					
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$1,739,331							

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18869 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria		VA	Capital	LAKE JACKSON	GULF COAST TRANSIT DISTRICT	\$150,000

STREET: LAKE JACKSON/ANGLETON UZA MPO PROJECT ID: 18869
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : TRANSIT CAPITAL EXPENDITURES

Project History : Amendment # AUG-2022- 2022-08-26 Program the Gulf Coast Transit District FY 2022 FTA Section 5307 Program of Projects in FY 2023.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$150,000	Sec. 5307	\$150,000	\$0	\$0	\$0	\$150,000
Right Of Way:	\$0							
Construction:	\$150,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$150,000		Funding by share:	\$150,000	\$0	\$0	\$0	\$150,000
			TDC: 30,000					

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18870 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria		VA	Planning	LAKE JACKSON	GULF COAST TRANSIT DISTRICT	\$75,000

STREET: LAKE JACKSON/ANGLETON UZA MPO PROJECT ID: 18870
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : TRANSIT PLANNING EXPENDITURES

Project History : Amendment # AUG-2022- 2022-08-26 Program the Gulf Coast Transit District FY 2022 FTA Section 5307 Program of Projects in FY 2023.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	\$75,000	Sec. 5307	\$75,000	\$0	\$0	\$0	\$75,000
Right Of Way:	\$75,000							
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$75,000		Funding by share:	\$75,000	\$0	\$0	\$0	\$75,000
			TDC:	15,000				

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18871 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria		VA	Operating	LAKE JACKSON	GULF COAST TRANSIT DISTRICT	\$1,793,468

STREET: LAKE JACKSON/ANGLETON UZA MPO PROJECT ID: 18871
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : TRANSIT OPERATING EXPENDITURES

Project History : Amendment # AUG-2022- 2022-08-26 Program the Gulf Coast Transit District FY 2022 FTA Section 5307 Program of Projects in FY 2023.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,793,468	\$1,793,468	Sec. 5307	\$1,793,468	\$0	\$0	\$0	\$1,793,468
Right Of Way:	\$0							
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$1,793,468		Funding by share:	\$1,793,468	\$0	\$0	\$0	\$1,793,468
			TDC: 1,793,468					

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

JULY FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18872 / 3510-02-008** **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	3510-02-008	SH 99	C	NONE	H-GAC	\$319,000,000

STREET: SH 99 MPO PROJECT ID: 18872
 LIMITS FROM: S OF FM 1462 VOC: kg/day
 LIMITS TO: SH 288 NOx: kg/day
 TIP DESCRIPTION : SEG B: CONSTRUCT 4-LANE TOLLWAY WITH INTERCHANGES AND TWO NON-CONTINUOUS 2-LANE FRONTAGE ROADS

Project History : Amendment # AUG-2022- 2022-08-26 Split MPO ID 18872/CSJ 3510-02-008 from MPO ID 257/CSJ 3510-02-001.***

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$15,631,000	\$319,000,000	3-TOLL	\$0	\$319,000,000	\$0	\$0	\$319,000,000
Right Of Way:	\$0							
Construction:	\$319,000,000							
Construction Engineering:	\$12,760,000							
Contingencies:	\$31,900,000							
Indirects:	\$16,205,200							
Bond Financing:	\$0							
Total Project Cost	\$395,496,200							
			Funding by share:	\$0	\$319,000,000	\$0	\$0	\$319,000,000
			TDC:	0				

OLD VERSION

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

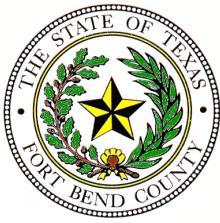
DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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STREET: MPO PROJECT ID:
 LIMITS FROM: VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION :

Project History :

Remarks:

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



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

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,

A handwritten signature in blue ink that reads "Rick J. Staigle, PE, PTOE".

Rick J. Staigle, PE, PTOE
First Assistant County Engineer



Connect.
Transit.

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 Funds	TDC 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

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

*Note: 2024 with 4% Inflation

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. TxDOT Comment - 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 - \$50,000
 - 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. More Detailed Design - Original pavement design was based on TxDOT US 290 as-built 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 \$125,000
 - 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. TxDOT Comment - 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. TxDOT Comment – 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. TxDOT Comment – 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. More Detailed Design - 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. TxDOT Comment – 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 = \$170,000
- 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 - \$123,000
 - ii. C223 Rail - \$158,000

CSJ 0050-06-092

Item/Description	6/6/22 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

*Contingencies are 30% for UPRR & 15% for all other categories

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
6	105	6018 REMOVING STAB BASE AND ASPH PAV (7")	SY	\$5.00	16,698	\$83,490
7	110	6001 EXCAVATION (ROADWAY)	CY	\$10.00	50,000	\$500,000
8	132	6006 EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	\$10.00	5,000	\$50,000
9	260	6012 LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TONS	\$200.00	625	\$125,000
10	260	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	305	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		SWPPP	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	LS	\$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

Contingency - 15%

\$580,526.41

US 290 RETAINING WALLS (TxDOT)

SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
1	423	6001 RETAINING WALL (MSE)	SF	\$50.00	8,900	\$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
5	442	Tie Backs for Drill Shaft Retaining Wall (2.5-in diameter)	LB	\$10.00	77,634	\$776,340
6	450	6023 RAIL (TY SSTR)	LF	\$50.00	1,600	\$80,000

US 290 RETAINING WALLS (TxDOT) SUBTOTAL

Mobilization (8%)

\$6,188,790
\$495,103

ESTIMATED US 290 RETAINING WALLS (TxDOT) CONSTRUCTION TOTAL

\$6,683,893

Contingency - 15%

\$928,318.5

DRAINAGE

SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
1	402	6001 Trench Excavation Protection	LF	\$3.50	8350	\$29,225
2	461	6002 Conc Box Culv (3 Ft X 3 Ft)	LF	\$250.00	28	\$7,000
3	461	6007 Conc Box Culv (5 Ft X 3 Ft)	LF	\$300.00	234	\$70,200
4	461	6009 Conc Box Culv (5 Ft X 5 Ft)	LF	\$450.00	2006	\$902,700
5	461	6011 Conc Box Culv (6 Ft X 4 Ft)	LF	\$450.00	166	\$74,700
6	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	464	6007 Rc Pipe (CI III)(30 In)	LF	\$150.00	26	\$3,900
9	465	6004 Manh (Compl)(Prm)(72In)	EA	\$8,000.00	6	\$48,000
10	465	6040 Inlet (Compl)(Pcu)(5Ft)(Both)	EA	\$9,000.00	25	\$225,000
11	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	496	6008 Remov Str (Box Culvert)	LF	\$50.00	1450	\$72,500

DRAINAGE SUBTOTAL

Mobilization (8%)

\$5,616,425
\$449,314

ESTIMATED DRAINAGE TOTAL

Contingency - 15%

\$6,065,739

\$842,463.75

STORMWATER PUMP STATION

ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
PS1 FLYGT MODEL LL3602, 280HP, 3/60/460V SUBMERSIBLE MIXED FLOW PUMP WITH: 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	9,000	\$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, EXCAVATION AND BACKFILL, UTILITY WORK AND FENCING	LS	\$500,000.00	1.00	\$500,000
PS6 PIPING INCLUDING THE VAULVE VAULT, EMERGENCY PUMP LINE, INTERNAL AND EXTERNAL 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)	LS	\$511,000.00	1.00	\$511,000
PS8 GENERATOR SYSTEM (INCLUDE GENERATOR, SOUND ENCLOSURE, GROUNDING, TESTING, START UP, AND TRAINING)	LS	\$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

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

ESTIMATED STORMWATER PUMP STATION CONSTRUCTION TOTAL
\$5,265,691

Contingency - 15%
\$731,346.0

GREENHOUSE ROAD

		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	260	6012 LIME(HYD,COM OR QK)(SLRY)OR QK(DRY)	TONS	\$200.00	277	\$55,400
4	260	6084 LIME TRT (SUBGRADE)(12")	SY	\$4.00	10,277	\$41,109
5	276	6224 CEM TRT(PLNT MX) (CL N)(TY E)(GR 4)(6")	SY	\$10.00	10,277	\$102,774
6	292	6017 ASPHALT STAB BASE (GR 4)(PG 64)	TONS	\$100.00	565	\$56,500
7	360	6005 CONC PVMT (CONT REINF - CRCP) (11")	SY	\$65.00	9,605	\$624,325
8	529	6005 CONC CURB (MONO) (TY II)	LF	\$5.00	4,837	\$24,185
9	631	6003 CONC SIDEWALKS (6")	SY	\$75.00	1,202	\$90,150
10		SWPPP	LS	\$25,000.00	1	\$25,000
11		Permanent Signing/Pavement Markings	LS	\$25,000.00	1	\$25,000
12		Hydromulch/Seeding	LS	\$10,000.00	1	\$10,000

GREENHOUSE ROAD SUBTOTAL

Mobilization (8%)

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

ESTIMATED GREENHOUSE ROAD CONSTRUCTION TOTAL

\$2,309,896

Contingency - 15%

\$320,818.94

GREENHOUSE ROAD RETAINING WALLS

SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
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
3	450	6023 RAIL (TY SSTR)	LF	\$50.00	800	\$40,000
4	450	6032 RAIL (TY C223)	LF	\$150.00	1,050	\$157,500

GREENHOUSE ROAD RETAINING WALLS SUBTOTAL

Mobilization (8%)

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

ESTIMATED GREENHOUSE ROAD RETAINING WALLS CONSTRUCTION TOTAL

\$1,492,182

Contingency - 15%

\$207,247.5

UPRR

ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
BRIDGE				
1 STR Steel (Railroad deck-girder)	LB	\$2.25	1,363,000	\$3,066,750
2 Handrail	LF	\$100.00	300	\$30,000
3 STL H-PILING (HP14x89)	LF	\$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)	SY	\$345.00	650	\$224,250
7 Backfill (TY A or B)	CY	\$26.00	6,500	\$169,000
TRACK				
1 Remove Track	LF	\$30.00	1,335	\$40,050
2 Shift Track	LF	\$200.00	2,390	\$478,000
3 TRACK 1.15# CWR W/ WOOD TIES AND BAL	LF	\$280.00	400	\$112,000
4 Double Track Shoofly	LF	\$721.00	1,805	\$1,301,405
5 Pipeline Protection	LF	\$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)	LF	\$2,500.00	280	\$700,000

UPRR SUBTOTAL

Mobilization (8%)

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

ESTIMATED UPRR CONSTRUCTION TOTAL

Contingency - 30%

\$10,529,104
\$2,924,751.0

TRAFFIC CONTROL PLAN/TEMPORARY DETOURS

SPEC	ITEM	ITEM DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	COST
1	502	Traffic Control	MO	\$5,000	18	\$90,000
2	508	Constructing Detours	SY	\$65	2614	\$169,910

TRAFFIC CONTROL PLAN/TEMPORARY DETOURS SUBTOTAL

Mobilization (8%)

\$259,910
\$20,793

**ESTIMATED TRAFFIC CONTROL PLAN/TEMPORARY
DETOURS CONSTRUCTION TOTAL**

\$280,703

Contingency - 15%

\$38,986.5

Signature Certificate

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

Signer

Timestamp

Signature

Truman Edminster

Email: tedminster@ehrainc.com

Sent:

07 Jun 2022 21:18:35 UTC

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