

12B. FUTURE 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 future revisions to the 2023-2026 TIP are included below for the Council's review.

- Add \$45K of Surface Transportation Block Grant (STBG) funding and 9K Transportation Development Credits (TDCs) to the Houston-Galveston Area Council's Liberty County and Montgomery County Mobility Plans project (MPO ID 16354/CSJ 0912-00-614) to cover increase consultant costs related to the development of remote presentations required by the COVID-19 outbreak and network modeling issues. (+\$45K; Total Cost: \$1.2M)
- Cancel the Metropolitan Transit Authority of Harris County's (METRO) US 290 Cypress HOV Ramp planning and design project (MPO ID 17010/CSJ 0050-06-088) and transfer its \$4.0M of Congestion Mitigation/Air Quality (CMAQ) funds to the construction phase (MPO ID 17041/CSJ 0050-06-093). Also, add the right-of-way (ROW) phase with \$5.8M of Local Contribution funds. (+\$9.8M; Total Cost: \$41.9M)
- Add \$6.0M of STBG funding to the City of Webster's NASA Road 1 Bypass construction project (MPO ID 17081/CSJ 0912-72-541) to cover design and drainage improvements and associated increased ROW needs. (+\$6.0M; Total Cost: \$14.0M)
- Update the Statewide Connectivity (Cat-4) and Strategic Priority (Cat-12) funding of the Texas Department of Transportation Houston District (TxDOT) IH-10 West widening project in Fort Bend County (MPO ID 18402/CSJ 0271-05-049) to match the approved funding in the 2022 Unified Transportation Program. (+\$24.0M; Total Cost: \$78.0M)
- Delay the TxDOT Houston District FM 2920 Intelligent Transportation System (ITS) installation project (MPO ID 17045/CSJ 2941-02-054), funded with CMAQ, from FY 2023 to FY 2025 to coordinate construction letting with FM 2920 project CSJ 2941-02-056. (Total Cost: \$1.4M)
- Delay the TxDOT Houston District SH 288 ITS installation project (MPO ID 17090/CSJ 0598-02-120), funded with CMAQ, from FY 2024 to FY 2026 to allow for bridges on the corridor to be completed first. (Total Cost: \$8.0M)
- Delay the TxDOT Houston District SS 10 ITS installation project (MPO ID 17100/CSJ 0187-05-061), funded with CMAQ, from FY 2024 to FY 2026 to allow TxDOT to balance multiple funding category construction lettings under fiscal constraints. (Total Cost: \$4.5M)

- Delay the TxDOT Houston District SH 36 ITS installation project (MPO ID 18404/CSJ 0187-05-062), funded with CMAQ, from FY 2024 to FY 2026 to allow TxDOT to balance multiple funding category construction lettings under fiscal constraints. (Total Cost: \$9.9M)
- Delay the TxDOT Houston District US 290 ITS installation project (MPO ID 18522/CSJ 0114-11-090), funded with CMAQ, from FY 2024 to FY 2025 to allow completion of Computerized Transportation Management System projects on the corridor. (Total Cost: \$11.2M)
- Delay the TxDOT Houston District SH 6 ITS installation project (MPO ID 18523/CSJ 0050-04-029), funded with CMAQ, from FY 2024 to FY 2025 to allow completion of Computerized Transportation Management System projects on the US 290 corridor. (Total Cost: \$5.5M)
- Delay the City of Houston Fondren Road reconstruction project (MPO ID 17093/CSJ 0912-72-381), funded with STBG, from FY 2023 to FY 2024. It was inadvertently advanced to FY 2023 during the 2023 TIP development. (Total Cost: \$25.5M)
- Split the City of Houston Antoine Drive reconstruction and widening project (MPO ID 18034/CSJ 0912-72-615) into two sections, creating (MPO ID 18879/NA) to assist with environmental documents, PS&E packages and construction lettings. Federal STBG funding will remain the same in the corridor. An additional \$16.5M of Local Contribution will be programmed. (+\$16.5M; Total Cost: \$115.2M)
- Program \$4.2M of District Discretionary federal/state funds for the TxDOT Houston District IH 610 direct connector ramp construction project at IH 10/US 90 (MPO ID 18876/CSJ NA) to relieve a bottleneck on the corridor. (+\$4.2M; Total Cost: \$4.2M)
- Program the Greater Southeast Management District's Federal Transit Administration Section 5304, Areas of Persistent Poverty discretionary grant (MPO ID 18877/CSJ NA) in FY 2023 of the TIP. (+\$314K; Total Cost: \$314K)
- Program The Woodlands Township's Federal Transit Administration Section 5307, American Rescue Plan Act (ARPA) grant (MPO ID 18878/CSJ NA) in FY 2023 of the TIP. (+\$400K; Total Cost: \$400K)

ACTION REQUESTED

For Information and Discussion.

H-GAC 2023-2026 TIP and 2045 RTP

August 2022 Future Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications					
					STIP?	Funding (M)		Scope	Schedule	
						Fed/State	Local			
1	16354 0912-00-614	H-GAC (MUL)	HOUSTON-GALVESTON TMA (VA, VA) DEVELOP LIBERTY COUNTY MOBILITY PLAN AND MONTGOMERY COUNTY PRECINCT 2 MOBILITY PLAN	O	No	<input checked="" type="checkbox"/> + \$0.0	Add 9,145 TDCs	<input type="checkbox"/>	<input type="checkbox"/>	
2	17010 0050-06-088	METRO (HAR)	US 290 (AT CYPRESS P..., NULL) PLANNING AND DESIGN FOR CYPRESS L-RAMP: FY 2016	R	No	<input checked="" type="checkbox"/> (\$3.2)	(\$0.8)	<input checked="" type="checkbox"/> Cancel.	<input checked="" type="checkbox"/> Cancel.	
3	17041 0050-06-093	METRO (HAR)	US 290 (AT CYPRESS P..., NULL) CONSTRUCT RAMP PROVIDING ACCESS TO THE US 290 HOV/HOT FACILITY	R	Yes	<input checked="" type="checkbox"/> + \$3.2	+ \$6.6	<input checked="" type="checkbox"/> Add R phase.	<input type="checkbox"/>	
4	17045 2941-02-054	TXDOT HOUSTON DISTRICT (HAR)	FM 2920 (SH 249, WILLOW ST) INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO ITS EQUIPMENT CURRENTLY EXISTS	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2025.	
5	17081 0912-72-541	CITY OF WEBSTER (HAR)	NASA RD 1 BYPASS (FM 528, LANDING BLVD...) CONSTRUCT 4-LANE DIVIDED ROADWAY ON NEW ALIGNMENT WITH PEDESTRIAN/BICYCLE ACCOMODATIONS	R	Yes	<input checked="" type="checkbox"/> + \$4.8	+ \$1.2	<input type="checkbox"/>	<input type="checkbox"/>	
6	17090 0598-02-120	TXDOT HOUSTON DISTRICT (BRA)	SH 288 (SH 6, FM 1462) INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO CURRENT SYSTEM EXISTS. THE NEW EQUIPMENT DOES NOT REPLACE OR UPGRADE EXISTING EQUIPMENT.	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2024 to FY 2026.	
7	17093 0912-72-381	CITY OF HOUSTON (HAR)	FONDREN RD (BRAESWOOD BL..., AIRPORT BLVD...) RECONSTRUCT TO 4 LANE ROADWAY WITH INTERSECTION, SAFETY, MULTIMODAL AND DRAINAGE IMPROVEMENTS	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2024.	
8	17100 0187-05-061	TXDOT HOUSTON DISTRICT (FOR)	SS 10 (SH 36 N, IH 69) INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO CURRENT SYSTEM EXISTS. THE NEW EQUIPMENT DOES NOT REPLACE OR UPGRADE EXISTING EQUIPMENT.	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2024 to FY 2026.	
9	18034 0912-72-615	CITY OF HOUSTON (HAR)	ANTOINE DR (VICTORY DR, US 290) RECONSTRUCT AND WIDEN 4 TO 6 LANES IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, INTERSECTION IMPROVEMENTS AND A RAILROAD GRADE SEPARATION	R	No	<input checked="" type="checkbox"/> (\$20.0)	+ \$7.0	<input checked="" type="checkbox"/> Limits.	<input type="checkbox"/> FY 2025 to FY 2026.	
10	18402 0271-05-049	TXDOT HOUSTON DISTRICT (FOR)	IH 10 W (WALLER C/L, W OF SNAKE C...) RECONSTRUCT AND WIDEN FROM 6 TO 10 LANE (ADD 2 MANAGED LANES AND 2 GENERAL PURPOSE LANES)	R	Yes	<input checked="" type="checkbox"/> + \$24.0		<input type="checkbox"/>	<input type="checkbox"/>	

H-GAC 2023-2026 TIP and 2045 RTP

August 2022 Future Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
11	18404 0187-05-062	HOUSTON TRANSTAR (FOR)	SH 36 (AUSTIN C/L, SS 10) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	No	<input type="checkbox"/>	n	<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2024 to FY 2026.
12	18522 0114-11-090	TXDOT HOUSTON DISTRICT (WAL)	US 290 (WASHINGTON C..., HARRIS C/L) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2024 to FY 2025.
13	18523 0050-04-029	TXDOT HOUSTON DISTRICT (WAL)	SH 6 (GRIMES C/L, US 290) Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/> FY 2024 to FY 2025.
14	18876	TXDOT HOUSTON DISTRICT (HAR)	IH 610 (AT IH 10 E/U..., NULL) RECONSTRUCT AND WIDEN NB-EB DIRECT CONNECTOR RAMP FROM 1 LANE TO 2 LANES	R	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2025.
15	18877	GREATER SOUTHEAST MANAGE... (HAR)	GREATER SOUTHEAST MANAGEMENT DISTRICT (VA, VA) COMPLETE PLANNING, PRELIMINARY ENGINEERING AND NEPA TO IMPROVE MULTIMODAL SAFETY, INCREASE ACCESS TO PUBLIC TRANSPORTATION AND IMPROVE ECONOMIC OUTCOMES	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
16	18878	THE WOODLANDS TOWNSHIP (MON)	THE WOODLANDS TOWNSHIP (VA, VA) COMPLETE TRANSIT PLAN TO EVALUATE POST-COVID 19 SERVICE LEVELS	T	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2023.
17	18879	CITY OF HOUSTON - HOUSTO... (HAR)	ANTOINE DR (W MOUNT HOUS..., VICTORY DR) RECONSTRUCT 4 LANE ROADWAY IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMMODATIONS, TURN LANES, AND INTERSECTION IMPROVEMENTS	R	Yes	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to FY 2025.

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

Canceled

OLD VERSION

MPOID / CSJ **17010 / 0050-06-088** **STIP Revision Date:** **FY 2017**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0050-06-088	US 290	Planning	HOUSTON	METRO	\$4,032,500

STREET: US 290 MPO PROJECT ID: 17010
 LIMITS FROM: AT CYPRESS P&R VOC: 2.35 kg/day
 LIMITS TO: NOx: 16.97 kg/day
 TIP DESCRIPTION : PLANNING AND DESIGN FOR CYPRESS L-RAMP: FY 2016

Project History : Amendment # 35- 2015-10-23 Program initial 2015 TIP Call-for-Projects modifications.*** Amendment # 47- 2016-03-16 Add CSJ Number.

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
			Funding Category	Federal	State	Local Contribution	Funding By Category	
Preliminary Engineering:	\$4,032,500	\$4,032,500	5-CMAQ	\$3,226,000	\$0	\$806,500	\$0	\$4,032,500
Right Of Way:	\$0		Funding by share:	\$3,226,000	\$0	\$806,500	\$0	\$4,032,500
Construction:	\$34,169,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$38,201,500							

TDC:

3-Aug-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **17041 / 0050-06-093** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0050-06-093	US 290	C:E:R	NONE	METRO	\$41,905,241

STREET: US 290 MPO PROJECT ID: 17041
 LIMITS FROM: AT CYPRESS P&R VOC: 16.97 kg/day
 LIMITS TO: NOx: 2.35 kg/day
 TIP DESCRIPTION : CONSTRUCT RAMP PROVIDING ACCESS TO THE US 290 HOV/HOT FACILITY

Project History : Amendment # SEP-2022- 2022-09-23 Add CMAQ funding (\$3,226,000 federal; \$806,500 local) from engineering phase MPOID 17010 and add ROW phase (Local Contribution \$5,763,441).

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:	\$1,378,277	\$41,905,241	5-CMAQ	\$28,913,440	\$0	\$7,228,360	\$0	\$36,141,800
Right Of Way:	\$5,763,441		3-LOCAL CONT	\$0	\$0	\$0	\$5,763,441	\$5,763,441
Construction:	\$34,763,523		Funding by share:	\$28,913,440	\$0	\$7,228,360	\$5,763,441	\$41,905,241
Construction Engineering:	\$1,390,541							
Contingencies:	\$3,476,353							
Indirects:	\$1,765,987							
Bond Financing:	\$0							
Total Project Cost	\$48,538,122							

TDC: 0

OLD VERSION

MPOID / CSJ **17041 / 0050-06-093** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0050-06-093	US 290	C:E	NONE	METRO	\$36,141,800

STREET: US 290 MPO PROJECT ID: 17041
 LIMITS FROM: AT CYPRESS P&R VOC: 16.97 kg/day
 LIMITS TO: NOx: 2.35 kg/day
 TIP DESCRIPTION : CONSTRUCT RAMP PROVIDING ACCESS TO THE US 290 HOV/HOT FACILITY

Project History : Approved #MAY-2022- 2022-05-20 Program in FY 2023 TIP with Cat-5 funding.

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:				Funding By Category	
Item	Amount		Funding Category	Federal	State	Local		Local Contribution
Preliminary Engineering:	\$1,378,277	\$36,141,800	5-CMAQ	\$25,687,440	\$0	\$6,421,860	\$0	\$32,109,300
Right Of Way:	\$0		Funding by share:	\$25,687,440	\$0	\$6,421,860	\$0	\$32,109,300
Construction:	\$30,371,023							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$32,109,300							

TDC: 0

3-Aug-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **17045 / 2941-02-054** **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	2941-02-054	FM 2920	C	TOMBALL	TXDOT HOUSTON DISTRICT	\$1,371,000

STREET: FM 2920 MPO PROJECT ID: 17045
 LIMITS FROM: SH 249 VOC: 0.02 kg/day
 LIMITS TO: WILLOW ST NOx: 0.07 kg/day
 TIP DESCRIPTION : INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO ITS EQUIPMENT CURRENTLY EXISTS

Project History : Amendment # SEP-2022- 2022-09-23 Delay to FY 2025 to match let date of FM 2920 roadway improvement project 2941-02-056.

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:	\$67,179	\$1,371,000	5-CMAQ	\$1,096,800	\$274,200	\$0	\$0	\$1,371,000
Right Of Way:	\$0		Funding by share:	\$1,096,800	\$274,200	\$0	\$0	\$1,371,000
Construction:	\$1,371,000		TDC: 0					
Construction Engineering:	\$82,260							
Contingencies:	\$137,100							
Indirects:	\$69,647							
Bond Financing:	\$0							
Total Project Cost	\$1,727,186							

OLD VERSION

MPOID / CSJ **17045 / 2941-02-054** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	2941-02-054	FM 2920	C	TOMBALL	TXDOT HOUSTON DISTRICT	\$1,371,000

STREET: FM 2920 MPO PROJECT ID: 17045
 LIMITS FROM: SH 249 VOC: 0.02 kg/day
 LIMITS TO: WILLOW ST NOx: 0.07 kg/day
 TIP DESCRIPTION : INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO ITS EQUIPMENT CURRENTLY EXISTS

Project History : Approved #MAY-2022- 2022-05-20 Program in FY 2023 TIP with Cat-5 funding.

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$67,179	\$1,371,000	5-CMAQ	\$1,096,800	\$274,200	\$0	\$0	\$1,371,000
Right Of Way:	\$0		Funding by share:	\$1,096,800	\$274,200	\$0	\$0	\$1,371,000
Construction:	\$1,371,000		TDC: 0					
Construction Engineering:	\$82,260							
Contingencies:	\$137,100							
Indirects:	\$69,647							
Bond Financing:	\$0							
Total Project Cost	\$1,727,186							

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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Houston	Harris	0912-72-541	CS	C:E:R	WEBSTER	CITY OF WEBSTER	\$14,013,460
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STREET: NASA RD I BYPASS MPO PROJECT ID: 17081
 LIMITS FROM: FM 528 VOC: kg/day
 LIMITS TO: LANDING BLVD/NASA I BYPASS AT IH 455 NOx: kg/day
 TIP DESCRIPTION: CONSTRUCT 4-LANE DIVIDED ROADWAY ON NEW ALIGNMENT WITH PEDESTRIAN/BICYCLE ACCOMODATIONS

Project History: Amendment # SEP-2022- 2022-09-23 Add \$6,050,768 STBG funding (\$4,840,614 federal; \$1,210,154 local to cover increased costs due to inflation.

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$555,595	\$14,013,460	7-STBG	\$10,353,460	\$0	\$3,660,000	\$0	\$14,013,460
Right Of Way:	\$2,323,290		Funding by share:	\$10,353,460	\$0	\$3,660,000	\$0	\$14,013,460
Construction:	\$11,134,575		TDC: 0					
Construction Engineering:	\$467,178							
Contingencies:	\$934,355							
Indirects:	\$474,652							
Bond Financing:	\$0							
Total Project Cost	\$15,889,645							

OLD VERSION

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

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
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Houston	Harris	0912-72-541	CS	C:E:R	WEBSTER	CITY OF WEBSTER	\$7,962,692
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STREET: NASA RD I BYPASS MPO PROJECT ID: 17081
 LIMITS FROM: FM 528 VOC: kg/day
 LIMITS TO: LANDING BLVD/NASA I BYPASS AT IH 455 NOx: kg/day
 TIP DESCRIPTION: CONSTRUCT 4-LANE DIVIDED ROADWAY ON NEW ALIGNMENT WITH PEDESTRIAN/BICYCLE ACCOMODATIONS

Project History: Amendment # JUL-2022- 2022-07-29 Program in FY 2023. Inadvertently not carried over from 2021 TIP.

Remarks:

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

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

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **17090 / 0598-02-120** **STIP Revision Date:** **FY 2026**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	0598-02-120	SH 288	C	IOWA COLONY	TXDOT HOUSTON DISTRICT	\$8,032,000
STREET:	SH 288					MPO PROJECT ID: 17090	
LIMITS FROM:	SH 6					VOC: 1.09 kg/day	
LIMITS TO:	FM 1462					NOx: 0.54 kg/day	
TIP DESCRIPTION :	INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO CURRENT SYSTEM EXISTS. THE NEW EQUIPMENT DOES NOT REPLACE OR UPGRADE EXISTING EQUIPMENT.						

Project History : Amendment # SEP-2022- 2022-09-23 Delay to FY 2026 to allow for the completion of five SH 288 bridges between SH 6 and FM 1462.

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:	\$393,568	\$8,032,000	5-CMAQ	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
Right Of Way:	\$0							
Construction:	\$8,032,000							
Construction Engineering:	\$401,600							
Contingencies:	\$803,200							
Indirects:	\$408,026							
Bond Financing:	\$0							
Total Project Cost	\$10,038,394		Funding by share:	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
			TDC: 0					

OLD VERSION

MPOID / CSJ **17090 / 0598-02-120** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Brazoria	0598-02-120	SH 288	C	IOWA COLONY	TXDOT HOUSTON DISTRICT	\$8,032,000
STREET:	SH 288					MPO PROJECT ID: 17090	
LIMITS FROM:	SH 6					VOC: 1.09 kg/day	
LIMITS TO:	FM 1462					NOx: 0.54 kg/day	
TIP DESCRIPTION :	INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO CURRENT SYSTEM EXISTS. THE NEW EQUIPMENT DOES NOT REPLACE OR UPGRADE EXISTING EQUIPMENT.						

Project History : Amendment #JUN-2022- 2022-06-24 Delay to FY 2024 and change funding to Cat-5/CMAQ funding.

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:	\$393,568	\$8,032,000	5-CMAQ	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
Right Of Way:	\$0							
Construction:	\$8,032,000							
Construction Engineering:	\$401,600							
Contingencies:	\$803,200							
Indirects:	\$408,026							
Bond Financing:	\$0							
Total Project Cost	\$10,038,394		Funding by share:	\$6,425,600	\$1,606,400	\$0	\$0	\$8,032,000
			TDC: 0					

3-Aug-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **17093 / 0912-72-381** **STIP Revision Date:** **FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-381	CS	C	HOUSTON	CITY OF HOUSTON	\$25,465,000

STREET: FONDREN RD MPO PROJECT ID: 17093
 LIMITS FROM: BRAESWOOD BLVD S VOC: kg/day
 LIMITS TO: AIRPORT BLVD W NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT TO 4 LANE ROADWAY WITH INTERSECTION, SAFETY, MULTIMODAL AND DRAINAGE IMPROVEMENTS

Project History : Amendment # SEP-2022- 2022-09-23 Delay from FY 2023 to FY 2024 at the sponsor's request. Project was inadvertently advanced during 2023 TIP development.

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:	\$1,247,785	\$25,465,000	7-STBG	\$20,372,000	\$0	\$5,093,000	\$0	\$25,465,000
Right Of Way:	\$0		Funding by share:	\$20,372,000	\$0	\$5,093,000	\$0	\$25,465,000
Construction:	\$25,465,000		TDC: 0					
Construction Engineering:	\$1,018,600							
Contingencies:	\$2,546,500							
Indirects:	\$1,293,622							
Bond Financing:	\$0							
Total Project Cost	\$31,571,507							

OLD VERSION

MPOID / CSJ **17093 / 0912-72-381** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-381	CS	C	HOUSTON	CITY OF HOUSTON	\$25,465,000

STREET: FONDREN RD MPO PROJECT ID: 17093
 LIMITS FROM: BRAESWOOD BLVD S VOC: kg/day
 LIMITS TO: AIRPORT BLVD W NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT TO 4 LANE ROADWAY WITH INTERSECTION, SAFETY, MULTIMODAL AND DRAINAGE IMPROVEMENTS

Project History : Approved #MAY-2022- 2022-05-20 Program in FY 2023 TIP with Cat-7 funding.

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,247,785	\$25,465,000	7-STBG	\$20,372,000	\$0	\$5,093,000	\$0	\$25,465,000
Right Of Way:	\$0		Funding by share:	\$20,372,000	\$0	\$5,093,000	\$0	\$25,465,000
Construction:	\$25,465,000		TDC: 0					
Construction Engineering:	\$1,018,600							
Contingencies:	\$2,546,500							
Indirects:	\$1,293,622							
Bond Financing:	\$0							
Total Project Cost	\$31,571,507							

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ 17100 / 0187-05-061 **STIP Revision Date:** **FY 2026**

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

STREET: SS 10 MPO PROJECT ID: 17100
 LIMITS FROM: SH 36 N VOC: 0.01 kg/day
 LIMITS TO: IH 69 NOx: 0.01 kg/day
 TIP DESCRIPTION : INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO CURRENT SYSTEM EXISTS. THE NEW EQUIPMENT DOES NOT REPLACE OR UPGRADE EXISTING EQUIPMENT.

Project History : Amendment # SEP-2022- 2022-09-23 Delay to FY 2026 to allow TXDOT to balance funding Category lettings.

Remarks:

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

OLD VERSION

MPOID / CSJ 17100 / 0187-05-061 **STIP Revision Date:** **FY 2024**

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

STREET: SS 10 MPO PROJECT ID: 17100
 LIMITS FROM: SH 36 N VOC: 0.01 kg/day
 LIMITS TO: IH 69 NOx: 0.01 kg/day
 TIP DESCRIPTION : INSTALL NEW ITS EQUIPMENT AND INFRASTRUCTURE WHERE NO CURRENT SYSTEM EXISTS. THE NEW EQUIPMENT DOES NOT REPLACE OR UPGRADE EXISTING EQUIPMENT.

Project History : Amendment #JUN-2022- 2022-06-24 Delay to FY 2024 of the TIP and change funding to Cat-5/CMAQ funding.

Remarks:

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

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ 18034 / 0912-72-615 **STIP Revision Date:** **FY 2026**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-615	CS	C	HOUSTON	CITY OF HOUSTON	\$85,744,884

STREET: ANTOINE DR MPO PROJECT ID: 18034
 LIMITS FROM: VICTORY DR VOC: kg/day
 LIMITS TO: US 290 NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN 4 TO 6 LANES IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, INTERSECTION IMPROVEMENTS AND A RAILROAD GRADE SEPARATION

Project History : Amendment # SEP-2022- 2022-09-23 Segment (split) MPOID 18034/CSJ 0912-72-615 into two sections creating MPOID 18879/NA to assist with environmental documents, packages and construction lettings. Delay 18034 to FY 2026. There is no change to federal funding overall.

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:	\$4,201,499	\$85,744,884	7-STBG	\$58,995,907	\$0	\$14,748,977	\$0	\$73,744,884
Right Of Way:	\$0		3-LOCAL CONT	\$0	\$0	\$0	\$12,000,000	\$12,000,000
Construction:	\$85,744,884		Funding by share:	\$58,995,907	\$0	\$14,748,977	\$12,000,000	\$85,744,884
Construction Engineering:	\$3,429,795							
Contingencies:	\$8,574,488							
Indirects:	\$4,355,840							
Bond Financing:	\$0							
Total Project Cost	\$106,306,507							
			TDC:	0				

OLD VERSION

MPOID / CSJ 18034 / 0912-72-615 **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris	0912-72-615	CS	C	HOUSTON	CITY OF HOUSTON	\$98,734,884

STREET: ANTOINE DR MPO PROJECT ID: 18034
 LIMITS FROM: W. MOUNT HOUSTON RD VOC: kg/day
 LIMITS TO: US 290 NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN 4 TO 6 LANES IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, INTERSECTION IMPROVEMENTS AND A RAILROAD GRADE SEPARATION

Project History : Approved #MAY 2022- 2022-05-12 Program in the 2023 TIP with the cat 7 funding

Remarks:

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					
Item	Amount		Funding Category	Federal	State	Local	Local Contribution	Funding By Category
Preliminary Engineering:	\$4,838,009	\$98,734,884	7-STBG	\$78,995,907	\$0	\$19,738,977	\$0	\$98,734,884
Right Of Way:	\$0		Funding by share:	\$78,995,907	\$0	\$19,738,977	\$0	\$98,734,884
Construction:	\$98,734,884							
Construction Engineering:	\$3,949,395							
Contingencies:	\$9,873,488							
Indirects:	\$5,015,732							
Bond Financing:	\$0							
Total Project Cost	\$122,411,509							
			TDC:	0				

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

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ 18402 / 0271-05-049 STIP Revision Date: FY 2023

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0271-05-049	IH 10	C	KATY	TXDOT HOUSTON DISTRICT	\$78,000,000

STREET: IH 10 W MPO PROJECT ID: 18402
 LIMITS FROM: WALLER C/L VOC: kg/day
 LIMITS TO: W OF SNAKE CREEK NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 6 TO 10 LANE (ADD 2 MANAGED LANES AND 2 GENERAL PURPOSE LANES)

Project History : Amendment #SEP-2022- 2022-09-23 Increase CAT 12 funding and add CAT 4 funding to match the approved 2022 UTP.

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:	\$3,822,000	\$78,000,000	12-STRATEGIC	\$51,827,200	\$12,956,800	\$0	\$0	\$64,784,000
Right Of Way:	\$0		4-ST-WIDE	\$10,572,800	\$2,643,200	\$0	\$0	\$13,216,000
Construction:	\$78,000,000		Funding by share:	\$62,400,000	\$15,600,000	\$0	\$0	\$78,000,000
Construction Engineering:	\$3,120,000							
Contingencies:	\$7,800,000							
Indirects:	\$3,962,400							
Bond Financing:	\$0							
Total Project Cost	\$96,704,400							

TDC: 0

OLD VERSION

MPOID / CSJ 18402 / 0271-05-049 STIP Revision Date: FY 2023

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Fort Bend	0271-05-049	IH 10	C	KATY	TXDOT HOUSTON DISTRICT	\$54,000,000

STREET: IH 10 W MPO PROJECT ID: 18,402
 LIMITS FROM: WALLER C/L VOC: kg/day
 LIMITS TO: W OF SNAKE CREEK NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN FROM 6 TO 10 LANE (ADD 2 MANAGED LANES AND 2 GENERAL PURPOSE LANES)

Project History : Approved #May 2022- 2022-05-22Program in FY 2023 with Cat-12 funding.

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:	\$2,646,000	\$54,000,000	STRATEGIC	\$43,200,000	\$10,800,000	\$0	\$0	\$54,000,000
Right Of Way:	\$0		Funding by share:	\$43,200,000	\$10,800,000	\$0	\$0	\$54,000,000
Construction:	\$54,000,000							
Construction Engineering:	\$2,160,000							
Contingencies:	\$5,400,000							
Indirects:	\$2,743,200							
Bond Financing:	\$0							
Total Project Cost	\$66,949,200							

TDC: 0

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18404 / 0187-05-062** **STIP Revision Date:** **FY 2026**

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

STREET: SH 36 MPO PROJECT ID: 18404
 LIMITS FROM: AUSTIN C/L VOC: 0.02 kg/day
 LIMITS TO: SS 10 NOx: 0.01 kg/day
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

Project History : Amendment #SEP-2022- 2022-09-23 Delay to FY 2026 to align with TXDOT letting schedule.

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:	\$485,512	\$9,908,400	5-CMAQ	\$7,926,720	\$1,981,680	\$0	\$0	\$9,908,400
Right Of Way:	\$0		Funding by share:	\$7,926,720	\$1,981,680	\$0	\$0	\$9,908,400
Construction:	\$9,908,400		TDC: 0					
Construction Engineering:	\$495,420							
Contingencies:	\$990,840							
Indirects:	\$503,347							
Bond Financing:	\$0							
Total Project Cost	\$12,383,518							

OLD VERSION

MPOID / CSJ **18404 / 0187-05-062** **STIP Revision Date:** **FY 2024**

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

STREET: SH 36 MPO PROJECT ID: 18404
 LIMITS FROM: AUSTIN C/L VOC: 0.02 kg/day
 LIMITS TO: SS 10 NOx: 0.01 kg/day
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

Project History : Amendment #JUN-2022- 2022-06-24 Delay to FY 2024 with Cat-5/CMAQ funding.

Remarks:

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

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

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18522 / 0114-11-090** **STIP Revision Date:** **FY 2025**

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

STREET: US 290 MPO PROJECT ID: 18522
 LIMITS FROM: WASHINGTON C/L VOC: 1.65 kg/day
 LIMITS TO: HARRIS C/L NOx: 0.82 kg/day
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

Project History : Amendment #SEP-2022- 2022-09-23 Delay to FY 2025 in order to allow completion of other US 290 CTMS projects letting in 9/2022 for communications networks to be available.

Remarks:

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

OLD VERSION

MPOID / CSJ **18522 / 0114-11-090** **STIP Revision Date:** **FY 2024**

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

STREET: US 290 MPO PROJECT ID: 18522
 LIMITS FROM: WASHINGTON C/L VOC: 1.65 kg/day
 LIMITS TO: HARRIS C/L NOx: 0.82 kg/day
 TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

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

Remarks:

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

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2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18523 / 0050-04-029** **STIP Revision Date:** **FY 2025**

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

STREET: SH 6 MPO PROJECT ID: 18523
 LIMITS FROM: GRIMES C/L VOC: 0.06 kg/day
 LIMITS TO: US 290 NOx: 0.03 kg/day

TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

Project History : Amendment #SEP-2022- 2022-09-23 Delay to FY 2025 in order to allow completion of other US 290 CTMS projects letting in 9/2022 for communications networks to be available.

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:	\$267,052	\$5,450,046	5-CMAQ	\$4,360,037	\$1,090,009	\$0	\$0	\$5,450,046
Right Of Way:	\$0		Funding by share:	\$4,360,037	\$1,090,009	\$0	\$0	\$5,450,046
Construction:	\$5,450,046		TDC: 0					
Construction Engineering:	\$272,502							
Contingencies:	\$545,005							
Indirects:	\$276,862							
Bond Financing:	\$0							
Total Project Cost	\$6,811,467							

OLD VERSION

MPOID / CSJ **18523 / 0050-04-029** **STIP Revision Date:** **FY 2024**

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

STREET: SH 6 MPO PROJECT ID: 18523
 LIMITS FROM: GRIMES C/L VOC: 0.06 kg/day
 LIMITS TO: US 290 NOx: 0.03 kg/day

TIP DESCRIPTION : Install New ITS Equipment and Infrastructure where no current system exist. The new equipment does not replace or upgrade existing equipment.

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

Remarks:

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

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

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18876 /** **STIP Revision Date:** **FY 2025**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		IH 610	C	HOUSTON	TXDOT HOUSTON DISTRICT	\$4,200,000

STREET: IH 610 MPO PROJECT ID: 18876
 LIMITS FROM: AT IH 10 E/US 90 E DIRECT CONNECTOR RAMP (NB-EB) VOC: kg/day
 LIMITS TO: NOx: kg/day
 TIP DESCRIPTION : RECONSTRUCT AND WIDEN NB-EB DIRECT CONNECTOR RAMP FROM 1 LANE TO 2 LANES

Project History : Amendment # SEP-2022- 2022-09-23 Program in FY 2025 with Cat-11 funding.

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:	\$205,800	\$4,200,000	II-ST DIST DISC	\$3,360,000	\$840,000	\$0	\$0	\$4,200,000
Right Of Way:	\$0		Funding by share:	\$3,360,000	\$840,000	\$0	\$0	\$4,200,000
Construction:	\$4,200,000							
Construction Engineering:	\$252,000							
Contingencies:	\$420,000							
Indirects:	\$213,360							
Bond Financing:	\$0							
Total Project Cost	\$5,291,160							

TDC: 0

OLD VERSION

3-Aug-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18877 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Planning	HOUSTON	GREATER SOUTHEAST MANAGEMENT DISTRICT	\$314,445
STREET:		GREATER SOUTHEAST MANAGEMENT DISTRICT				MPO PROJECT ID: 18877	
LIMITS FROM:		VA		VOC:		kg/day	
LIMITS TO:		VA		NOx:		kg/day	
TIP DESCRIPTION : COMPLETE PLANNING, PRELIMINARY ENGINEERING AND NEPA TO IMPROVE MULTIMODAL SAFETY, INCREASE ACCESS TO PUBLIC TRANSPORTATION AND IMPROVE ECONOMIC OUTCOMES							

Project History : Amendment # SEP-2022- 2022-09-23 Program \$283K FTA Areas of Persistent Poverty Discretionary grant award in FY 2023 with \$31,445 local match (\$314,445 total).

Remarks: FTA Persistent Poverty Discretionary Grant Award

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:	\$314,445	\$314,445	Sec. 5304	\$283,000	\$0	\$31,445	\$0	\$314,445
Right Of Way:	\$0		Funding by share:					\$314,445
Construction:	\$0			\$283,000	\$0	\$31,445	\$0	
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$314,445							
			TDC: 0					

OLD VERSION

3-Aug-22

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

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18878 /** **STIP Revision Date:** **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Montgomery		VA	Planning	NONE	THE WOODLANDS TOWNSHIP	\$400,000

STREET: THE WOODLANDS TOWNSHIP MPO PROJECT ID: 18878
 LIMITS FROM: VA VOC: kg/day
 LIMITS TO: VA NOx: kg/day
 TIP DESCRIPTION : COMPLETE TRANSIT PLAN TO EVALUATE POST-COVID 19 SERVICE LEVELS

Project History : Amendment # SEP-2022- 2022-09-23 Program \$400K AMERICAN RESCUE PLAN ACT (ARPA) ROUTE PLANNING grant award in FY 2023.

Remarks: American Rescue Plan Act (ARPA Grant)

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:	\$400,000	\$400,000	Sec. 5307	\$400,000	\$0	\$0	\$0	\$400,000
Right Of Way:	\$0		Funding by share:	\$400,000	\$0	\$0	\$0	\$400,000
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
Total Project Cost	\$400,000							

TDC: 0

OLD VERSION

3-Aug-22

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM
2045 REGIONAL TRANSPORTATION PLAN

AUGUST FUTURE AMENDMENTS

PROPOSED VERSION

MPOID / CSJ **18879** /

STIP Revision Date:

FY 2025

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		CS	C	HOUSTON	CITY OF HOUSTON - HOUSTON PUBLIC WORKS	\$29,500,000
STREET:	ANTOINE DR					MPO PROJECT ID: 18,879	
LIMITS FROM:	W MOUNT HOUSTON RD					VOC: kg/day	
LIMITS TO:	VICTORY DR					NOx: kg/day	
TIP DESCRIPTION :	RECONSTRUCT 4 LANE ROADWAY IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMMODATIONS, TURN LANES, AND INTERSECTION IMPROVEMENTS						

Project History : Amendment # SEP-2022- 2022-09-23 Segment (split) MPOID 18034/CSJ 0912-72-615 into two sections creating MPOID 18879/NA to assist with environmental documents, packages and construction lettings. Delay 18034 to FY 2026. There is no change to federal funding.

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:	\$1,445,500	\$29,500,000						
Right Of Way:	\$0		7-STBG	\$20,000,000	\$0	\$5,000,000	\$0	\$25,000,000
Construction:	\$29,500,000		3-LOCAL CONT	\$0	\$0	\$0	\$4,500,000	\$4,500,000
Construction Engineering:	\$1,180,000							
Contingencies:	\$2,950,000							
Indirects:	\$1,498,600							
Bond Financing:	\$0							
Total Project Cost	\$36,574,100		Funding by share:	\$20,000,000	\$0			\$29,500,000
			TDC:	0				

OLD VERSION



GUNDA CORPORATION

Engineers, Planners & Managers

June 24, 2022

Carlene Mullins
Principal Planner, Regional Planning
Houston-Galveston Area Council
P.O. Box 22777,
Houston, Texas 77317

**SUBJECT: Request for Budget Increase due to Additional Services
Montgomery County Precinct 2 Mobility Study
GUNDA Proposal No. P19087A**

Dear Mullins:

Gunda Corporation, LLC (GUNDA) respectfully presents you with the additional work performed and required to perform to complete the project. The below mentioned additional work was not scoped in the initial contract and hence GUNDA is making the request for additional fee.

ADDITIONAL SCOPE OF SERVICES

TASK 1: PROJECT MANAGEMENT & COODINATION

Due to extension of the project by 6 months, additional hours are required for project management, bi-weekly meetings, progress reports and invoicing:

Additional fee required for this Task is **\$6,202.24**

TASK 4: PUBLIC OUTREACH

Due to COVID additional hours was spent on preparing for online meetings, rehearsals, recordings, and presentations. Online interactive maps were created (this was not part of the initial scope) for public use which identified the issues, proposed projects, recommendations, and new project cost. Additional stakeholder meetings were organized as part of public outreach.

Additional fee required for this Task is **\$35,708.69**

TASK 5: ANALYSIS

Due to network issues, we did not receive H-GAC travel models with proposed recommendations. We had to code SYNCHRO models for some critical recommendations and compare travel runs and update the report accordingly.

Additional fee required for this Task is **\$14,035.64**

TASK 6: RECOMMENDATIONS

Due to analysis updates ended up changing recommendations and updated the reports and exhibits accordingly.

Additional fee required for this Task is **\$2,339.27**

PROJECT FEE AND SCHEDULE

Total additional fee to complete the project is **\$58,285.84**. See attached **Exhibit A** for the revised schedule and for detailed level of efforts see **Exhibit B**.

In the existing contract we have **\$12,563.53** unused fee for the sub-consultants which can be transferred to GUNDA as part of the additional fee.

Sincerely,
GUNDA CORPORATION, LLC



Lokesh Vijayagopal, P.E., PTOE
Traffic Design Group Manager

ACCEPTED:

Company

Signature

Printed Name

Title

Date Accepted

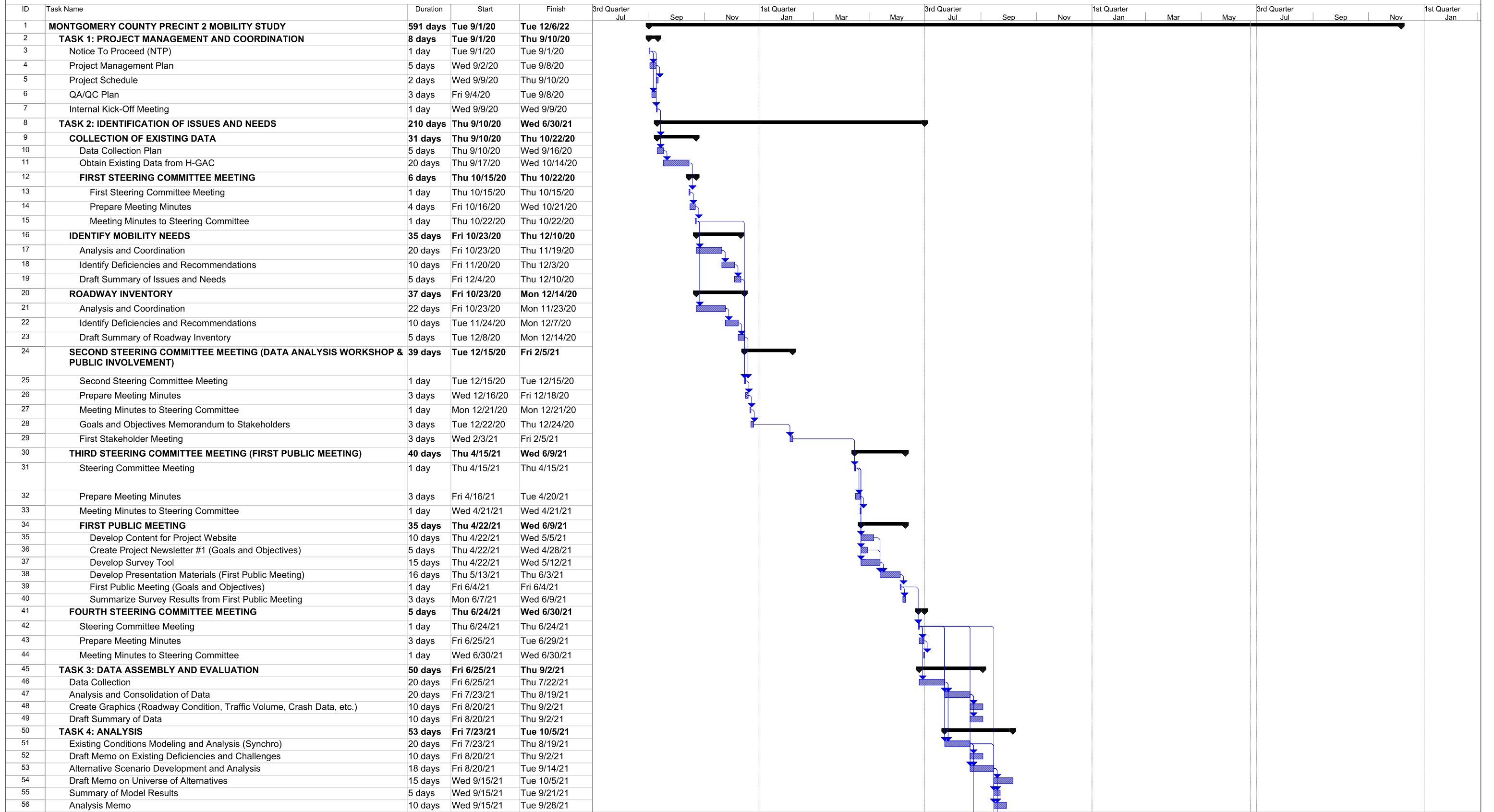
EXHIBIT A



MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

H-GAC

PROPOSED SCHEDULE OF EVENTS





MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY

H-GAC

PROPOSED SCHEDULE OF EVENTS

ID	Task Name	Duration	Start	Finish	3rd Quarter			1st Quarter			3rd Quarter			1st Quarter			3rd Quarter			1st Quarter		
					Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan		
57	Mobility Toolbox	11 days	Fri 8/20/21	Fri 9/3/21																		
58	TASK 5: RECOMMENDATIONS	255 days	Fri 9/10/21	Thu 9/1/22																		
59	Network information to H-GAC	1 day	Fri 9/10/21	Fri 9/10/21																		
60	Develop Recommendations	20 days	Wed 9/15/21	Tue 10/12/21																		
61	FIFTH STEERING COMMITTEE MEETING	143 days	Wed 9/15/21	Fri 4/1/22																		
62	Steering Committee Meeting (Preliminary Recommendations)	1 day	Wed 9/15/21	Wed 9/15/21																		
63	Prepare Meeting Minutes	3 days	Thu 9/16/21	Mon 9/20/21																		
64	Meeting Minutes to Steering Committee	1 day	Tue 9/21/21	Tue 9/21/21																		
65	Revise Preliminary Recommendations	138 days	Wed 9/22/21	Fri 4/1/22																		
66	SIXTH STEERING COMMITTEE MEETING	11 days	Tue 4/19/22	Tue 5/3/22																		
67	Steering Committee Meeting (Revised Recommendations)	1 day	Tue 4/19/22	Tue 4/19/22																		
68	Prepare Meeting Minutes	3 days	Wed 4/20/22	Fri 4/22/22																		
69	Meeting Minutes to Steering Committee	1 day	Mon 4/25/22	Mon 4/25/22																		
70	Findings and Recommendations Memorandum to Stakeholders	1 day	Tue 4/26/22	Tue 4/26/22																		
71	Revisions to Recommendations as Needed	10 days	Wed 4/20/22	Tue 5/3/22																		
72	SECOND STAKEHOLDER MEETING (SECOND PUBLIC MEETING)	70 days	Wed 5/4/22	Tue 8/9/22																		
73	Stakeholder Meetings (Present updated recommendations to Cities of Conroe, Magnolia & Shenandoah)	2 days	Wed 5/4/22	Thu 5/5/22																		
74	Stakeholder Meeting (Present updated recommendations; Prepare for Second Public Meeting)	2 days	Tue 5/31/22	Wed 6/1/22																		
75	Prepare Meeting Minutes	3 days	Thu 6/2/22	Mon 6/6/22																		
76	Meeting Minutes to Stakeholders	1 day	Tue 6/7/22	Tue 6/7/22																		
77	Revisions to Recommendations as Needed	25 days	Wed 6/8/22	Tue 7/12/22																		
78	SEVENTH STEERING COMMITTEE MEETING	5 days	Wed 7/13/22	Tue 7/19/22																		
79	Steering Committee Meeting (Present updated recommendations; Prepare for Second Public Meeting)	1 day	Wed 7/13/22	Wed 7/13/22																		
80	Prepare Meeting Minutes	3 days	Thu 7/14/22	Mon 7/18/22																		
81	Meeting Minutes to Steering Committee	1 day	Tue 7/19/22	Tue 7/19/22																		
82	SECOND PUBLIC MEETING	19 days	Thu 7/14/22	Tue 8/9/22																		
83	Update Content for Project Website	5 days	Thu 7/14/22	Wed 7/20/22																		
84	Create Project Newsletter #2 (Findings and Recommendations)	5 days	Thu 7/14/22	Wed 7/20/22																		
85	Update Survey Tool	5 days	Thu 7/14/22	Wed 7/20/22																		
86	Develop Presentation Materials (Second Public Meeting)	10 days	Thu 7/21/22	Wed 8/3/22																		
87	Second Public Meeting (Findings and Recommendations)	1 day	Thu 8/4/22	Thu 8/4/22																		
88	Summarize Survey Results from Second Public Meeting	3 days	Fri 8/5/22	Tue 8/9/22																		
89	Draft Recommendations Report	15 days	Fri 8/5/22	Thu 8/25/22																		
90	Draft Report on Eliminated Recommendations	5 days	Fri 8/26/22	Thu 9/1/22																		
91	TASK 6: IMPLEMENTATION AND FUNDING PLAN	79 days	Wed 7/13/22	Mon 10/31/22																		
92	Implementation Plan	15 days	Wed 7/13/22	Tue 8/2/22																		
93	Matrix of Funding Opportunities	10 days	Wed 8/3/22	Tue 8/16/22																		
94	Project Implementation Process	10 days	Wed 8/17/22	Tue 8/30/22																		
95	EIGHTH STEERING COMMITTEE MEETING	17 days	Fri 9/16/22	Mon 10/10/22																		
96	Steering Committee Meeting	1 day	Fri 9/16/22	Fri 9/16/22																		
97	Prepare Meeting Minutes	3 days	Mon 9/19/22	Wed 9/21/22																		
98	Meeting Minutes to Steering Committee	1 day	Thu 9/22/22	Thu 9/22/22																		
99	Implementation Plan Memorandum to Stakeholders	1 day	Fri 9/23/22	Fri 9/23/22																		
100	Third Stakeholder Meeting	1 day	Mon 10/10/22	Mon 10/10/22																		
101	NINTH STEERING COMMITTEE MEETING	5 days	Tue 10/25/22	Mon 10/31/22																		
102	Steering Committee Meeting	1 day	Tue 10/25/22	Tue 10/25/22																		
103	Prepare Meeting Minutes	3 days	Wed 10/26/22	Fri 10/28/22																		
104	Meeting Minutes to Steering Committee	1 day	Mon 10/31/22	Mon 10/31/22																		
105	TASK 7: FINAL DELIVERABLES	30 days	Wed 10/26/22	Tue 12/6/22																		
106	Project Workbook	15 days	Wed 10/26/22	Tue 11/15/22																		
107	Standalone Executive Summary	10 days	Wed 11/16/22	Tue 11/29/22																		
108	Appendices	5 days	Wed 10/26/22	Tue 11/1/22																		
109	Roadway Inventory	5 days	Wed 10/26/22	Tue 11/1/22																		
110	Flash Drive	5 days	Wed 11/30/22	Tue 12/6/22																		

12010-01

Task		Summary		External Milestone		Inactive Milestone		Duration-only		Start-only		External Milestone	
Split		Project Summary		Inactive Task		Inactive Summary		Manual Summary Rollup		Finish-only		Progress	
Milestone		External Tasks		Inactive Milestone		Manual Task		Manual Summary		External Tasks		Deadline	

EXHIBIT B

Prime Provider: GUNDA CORPORATION, LLC
 MONTGOMERY COUNTY PRECINCT 2 MOBILITY STUDY
 Fee for Additional Services

TASK DESCRIPTION	PRINCIPAL IN CHARGE	SENIOR PROJECT MANAGER	PLANNING PUBLIC INV TASK LEADER	QUALITY MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	ENGINEER	ENGINEER IN TRAINING	SENIOR CADD OPERATOR	ADMIN/ CLERICAL	TOTAL LABOR HRS.	TOTAL COST
	\$316.12	\$246.57	\$189.67	\$205.48	\$233.93	\$173.86	\$142.25	\$120.12	\$115.38	\$72.71		
TASK 1: PROJECT MANAGEMENT AND COORDINATION												
1.1 Project Management Plan											0	\$ -
1.2 Project Administration - Progress Reports and Invoices		6			12					6	24	\$ 4,722.80
1.3 Sub-Consultant Management											0	\$ -
1.4 Quality Assurance/Quality Control (QA/QC)		6									6	\$ 1,479.43
TASK 4: PUBLIC OUTREACH												\$ -
4.1 Public Outreach Program											0	\$ -
4.2 Meetings		12			140						152	\$ 35,708.69
4.3 Surveys											0	\$ -
4.4 Communications											0	\$ -
TASK 5: ANALYSIS											0	\$ -
5.1 Analysis					45						45	\$ 10,526.73
5.2 Define Universe of Alternatives					15						15	\$ 3,508.91
TASK 6: RECOMMENDATIONS												\$ -
6.1 Developing Recommendations											0	\$ -
6.2 Recommended Projects					10						10	\$ 2,339.27
											0	
HOURS SUB-TOTALS	0	24	0	0	222	0	0	0	0	6	252	252
CONTRACT RATE PER HOUR	\$316.12	\$246.57	\$189.67	\$205.48	\$233.93	\$173.86	\$142.25	\$120.12	\$115.38	\$72.71		
TOTAL LABOR COSTS	\$0.00	\$5,917.73	\$0.00	\$0.00	\$51,931.87	\$0.00	\$0.00	\$0.00	\$0.00	\$436.24		\$58,285.84
% DISTRIBUTION OF STAFFING	0.0%	9.5%	0.0%	0.0%	88.1%	0.0%	0.0%	0.0%	0.0%	2.4%		
SUB-TOTAL												\$58,285.84

SUMMARY		
TOTAL COSTS FOR PRIME ONLY	\$ -	\$ 58,285.84
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY	\$ -	\$ -
GRAND TOTAL	\$ -	\$ 58,285.84

June 23, 2022

Mr. Craig Rayborn
Director of Transportation Planning
Houston-Galveston Area Council
P.O. Box 22777
Houston, TX 77227-27777

**RE: NASA Road 1 Bypass from FM 528 to Landing Blvd.
CSJ 0912-72-541
Request for Additional Funds**

Dear Mr. Rayborn:

The City of Webster was awarded funding for the NASA Road 1 Bypass project, in 2019. The Advanced Funding Agreement that was approved at that time did not include all required engineering, construction, and right-of-way (ROW) costs needed to deliver the project in accordance with current design criteria, petroleum pipeline conflicts, and traffic safety design enhancements.

Current drainage requirements associated with Atlas-14 has resulted in larger storm sewer, deeper drainage ditches, and a detention pond not included in the original estimate, resulting in the need for additional right-of-way and drainage easement. Petroleum pipelines crossing the project right-of-way conflicted with planned storm sewer and drainage ditches requiring the rerouting of drainage facilities to more distant outfalls increasing project construction costs.

The project also includes a roundabout at the intersection adjacent to CCISD's Challenger Stadium. Roundabouts are proven to reduce the severity of crashes and since this intersection will be heavily used by high school students attending Friday night football games and other school events, the additional right-of-way and increased construction cost needed for the roundabout will pay dividends long into the future in reduced serious accidents.

Additionally, the Houston Metropolitan region has been experiencing escalating construction costs with bid prices increasing approximately 25 percent since the original estimate was prepared in 2018. The City and TxDOT are now preparing the 90% plans with a letting date planned for April of 2023. The opinion of probable construction costs shows significant increases based on recent project bid prices with price escalation expected to continue into next year. To mitigate these increased costs, the City of Webster is requesting \$6,050,768 in additional funding for the engineering, right-of-way, and construction of this project.

Below is a table showing the cost allocation based on the sharing percentages provided in the approved AFA and attached is an updated Opinion of Probable Construction Cost for the project.

<u>Description</u>	<u>Approved Total Estimated Cost</u>	<u>Revised Total Estimated Cost</u>	<u>Requested Cost Increase</u>
Engineering	\$853,000	\$933,970	\$80,970
Right of Way	\$1,812,500	\$2,169,942	\$357,442
Construction	\$4,467,191	\$10,001,796	\$5,534,605
Subtotal	\$7,132,691	\$13,105,708	\$5,973,017
State Costs	\$863,900	\$941,651	\$77,751
TOTAL	\$7,996,591	\$14,047,359	\$6,050,768

Please feel free to contact me if you have any questions or need additional information.

Respectfully,

John D. Warnement, CPWP-M, CPRP
 Director
 City of Webster Public Works Department
 855 Magnolia Avenue, Webster, TX 77598
 P: (281) 316-3711 F: (281) 316-3728

Attachment:
 Project Opinion of Probable Construction Cost

cc: Jim Dickinson, HGAC
 Mohammed Zubair, P.E. - TxDOT
 David Glasco – City of Webster

ITEM	SPEC	DESC	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
							\$ 192,936.00
TRAFFIC CONTROL							
1	502	6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	19	\$ 8,000.00	\$ 152,000.00
2	508	6001	CONSTRUCTING DETOURS (BUDGET)	SY	342	\$ 95.00	\$ 32,490.00
3	662	6063	WK ZN PAV MRK REMOV (W)(4")(SLD)	LF	819	\$ 1.00	\$ 819.00
4	662	6095	WK ZN PAV MRK REMOV (Y)(4")(SLD)	LF	7,627	\$ 1.00	\$ 7,627.00
							\$ 133,175.00
REMOVAL							
1	104	6001	REMOVING CONC (PAV)	SY	8,400	\$ 9.00	\$ 75,600.00
2	104	6009	REMOVING CONC (RIPRAP)	SY	5	\$ 8.00	\$ 40.00
3	104	6015	REMOVING CONC (SIDEWALKS)	SY	625	\$ 10.00	\$ 6,250.00
4	104	6017	REMOVING CONC (DRIVEWAYS)	SY	175	\$ 10.00	\$ 1,750.00
5	496	6002	REMOV STR (INLET)	EA	5	\$ 600.00	\$ 3,000.00
6	496	6003	REMOV STR (MANHOLE)	EA	6	\$ 1,000.00	\$ 6,000.00
7	496	6007	REMOV STR (PIPE)	LF	1,610	\$ 20.00	\$ 32,200.00
8	677	6003	ELIM EXT PAV MRK & MRKS (8")	LF	1,000	\$ 0.60	\$ 600.00
9	7017	6113	REMOVE EXIST SAN SWR PIPE (10")	LF	119	\$ 65.00	\$ 7,735.00
							\$ 3,461,660.00
ROADWAY							
1	100	6002	PREPARING ROW	STA	43	\$ 10,000.00	\$ 430,000.00
2	110	6001	EXCAVATION (ROADWAY)	CY	17,710	\$ 9.00	\$ 159,390.00
3	132	6008	EMBANKMENT(FINAL)(DENS CONT)(TY D)	CY	15,410	\$ 8.00	\$ 123,280.00
4	260	6016	LIME (HYD, COM, OR QK(SLURRY))	TON	482	\$ 225.00	\$ 108,450.00
5	260	6027	LIME TRT (EXST MATL)(8")	SY	26,740	\$ 4.00	\$ 106,960.00
6	360	6030	CONC PAV (JOINT REINF) (8")	SY	23,410	\$ 80.00	\$ 1,872,800.00
7	432	6001	RIPRAP (CONC)(4 IN)	CY	24	\$ 300.00	\$ 7,200.00
8	432	6003	RIPRAP (CONC)(6 IN)	CY	80	\$ 400.00	\$ 32,000.00
9	479	6001	ADJUSTING MANHOLE	EA	2	\$ 800.00	\$ 1,600.00
10	529	6004	CONC CURB (MONO) (TY I)	LF	330	\$ 15.00	\$ 4,950.00
11	529	6005	CONC CURB (MONO) (TY II)	LF	15,200	\$ 8.00	\$ 121,600.00
12	530	6004	DRIVEWAYS (CONC)	SY	420	\$ 80.00	\$ 33,600.00
13	531	6003	CONC SIDEWALKS (6")	SY	5,090	\$ 87.00	\$ 442,830.00
14	531	6004	CURB RAMPS (TY 1)	EA	2	\$ 2,500.00	\$ 5,000.00
15	531	6013	CURB RAMPS (TY 10)	EA	3	\$ 2,000.00	\$ 6,000.00
16	531	6016	CURB RAMPS (TY 21)	EA	2	\$ 3,000.00	\$ 6,000.00

ITEM	SPEC	DESC	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
							\$ 3,900,856.50
DRAINAGE							
1	110	6002	EXCAVATION (CHANNEL)	CY	17,175	\$ 12.50	\$ 214,687.50
2	400	6005	CEM STABIL BKFL	CY	6,900	\$ 95.00	\$ 655,500.00
3	400	6009	CEM STABIL BKFL (INLET OR MH)	CY	3,079	\$ 50.00	\$ 153,950.00
4	402	6001	TRENCH EXCAVATION PROTECTION	LF	4,688	\$ 3.00	\$ 14,064.00
5	462	6001	CONC BOX CULV (3 FT X 2 FT)	LF	422	\$ 325.00	\$ 137,150.00
6	462	6003	CONC BOX CULV (4 FT X 2 FT)	LF	239	\$ 275.00	\$ 65,725.00
7	462	6024	CONC BOX CULV (9 FT X 5 FT)	LF	2,500	\$ 700.00	\$ 1,750,000.00
8	464	6005	RC PIPE (CL III)(24 IN)	LF	549	\$ 100.00	\$ 54,900.00
9	464	6007	RC PIPE (CL III)(30 IN)	LF	240	\$ 130.00	\$ 31,200.00
10	464	6008	RC PIPE (CL III)(36 IN)	LF	288	\$ 160.00	\$ 46,080.00
11	464	6009	RC PIPE (CL III)(42 IN)	LF	1,046	\$ 185.00	\$ 193,510.00
12	464	6010	RC PIPE (CL III)(48 IN)	LF	1,055	\$ 218.00	\$ 229,990.00
13	465	6269	INLET (COMPL)(TY C)	EA	16	\$ 6,300.00	\$ 100,800.00
14	465	6173	MANHOLE (COMPL)(TY A)	EA	9	\$ 7,500.00	\$ 67,500.00
15	465	6585	MANH (BOX CULV)	EA	3	\$ 6,000.00	\$ 18,000.00
16	465	6066	INLET (COMPL)(PSL)(RH)(5FTX5FT)	EA	3	\$ 6,300.00	\$ 18,900.00
17	466	6152	WINGWALL (FW-0)(HW= 5 FT)	EA	3	\$ 12,000.00	\$ 36,000.00
18	466	6181	WINGWALL (PW-1)(HW= 6 FT)	EA	2	\$ 20,000.00	\$ 40,000.00
19	7240	6024	CLASS "B" CONCRETE	CY	243	\$ 300.00	\$ 72,900.00
							\$ 27,930.85
SIGNING AND PAVEMENT MARKING							
1	644	6001	IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	22	\$ 650.00	\$ 14,300.00
2	666	6018	REFL PAV MRK TY 1 (W)6"(DOT)(100MIL)	LF	602	\$ 1.50	\$ 903.00
3	666	6030	REFL PAV MRK TY 1 (W)8"(DOT)(100MIL)	LF	115	\$ 1.50	\$ 172.50
4	666	6036	REFL PAV MRK TY 1 (W)8"(SLD)(100MIL)	LF	378	\$ 1.00	\$ 378.00
5	666	6042	REFL PAV MRK TY 1 (W)12"(SLD)(100MIL)	LF	60	\$ 3.00	\$ 180.00
6	666	6048	REFL PAV MRK TY 1 (W)24"(SLD)(100MIL)	LF	130	\$ 6.50	\$ 845.00
7	666	6054	REFL PAV MRK TY 1 (W)(ARROW)(100MIL)	EA	7	\$ 130.00	\$ 910.00
8	666	6078	REFL PAV MRK TY 1 (W)(WORD)(100MIL)	EA	11	\$ 150.00	\$ 1,650.00
9	666	6099	REFL PAV MRK TY 1 (W)18"(YLD TRI)(100MIL)	EA	24	\$ 50.00	\$ 1,200.00
10	666	6141	REFL PAV MRK TY 1 (Y)12"(SLD)(100MIL)	LF	86	\$ 4.00	\$ 344.00
11	666	6306	RE PM W/RET REQ TY I (W)6"(BRK)(100MIL)	LF	1516	\$ 0.50	\$ 758.00
12	666	6309	RE PM W/RET REQ TY I (W)6"(SLD)(100MIL)	LF	2233	\$ 0.60	\$ 1,339.80
13	666	6321	RE PM W/RET REQ TY I (Y)6"(SLD)(100MIL)	LF	5730	\$ 0.50	\$ 2,865.00
14	672	6007	REFL PAV MRKR TY I-C	EA	77	\$ 3.50	\$ 269.50
15	678	6002	PAV SURF PREP FOR MRK (6")	LF	10081	\$ 0.10	\$ 1,008.10
16	678	6004	PAV SURF PREP FOR MRK (8")	LF	493	\$ 0.15	\$ 73.95
17	678	6006	PAV SURF PREP FOR MRK (12")	LF	146	\$ 0.25	\$ 36.50
18	678	6008	PAV SURF PREP FOR MRK (24")	LF	130	\$ 0.75	\$ 97.50
19	678	6009	PAV SURF PREP FOR MRK (ARROW)	EA	7	\$ 20.00	\$ 140.00
20	678	6016	PAV SURF PREP FOR MRK (WORD)	EA	11	\$ 20.00	\$ 220.00
21	678	6022	PAV SURF PREP FOR MRK (18")(YLD TRI)	EA	24	\$ 10.00	\$ 240.00

ITEM	SPEC	DESC	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
							\$ 112,800.00
ILLUMINATION							
1	618	6023	CONDT (PVC) (SCH 40) (2")	LF	6,840	\$ 15.00	\$ 102,600.00
2	624	6007	GROUND BOX TY C (162911)	EA	12	\$ 850.00	\$ 10,200.00
							\$ 250,000.00
LANDSCAPING/IRRIGATION							
ITEM	SPEC	DESC	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
							\$ 186,588.50
SW3P							
1	162	6002	BLOCK SODDING	SY	31,779	\$ 4.50	\$ 143,005.50
2	506	6002	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	191	\$ 30.00	\$ 5,730.00
3	506	6020	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	78	\$ 30.00	\$ 2,340.00
4	506	6024	CONSTRUCTION EXITS (REMOVE)	SY	78	\$ 10.00	\$ 780.00
5	506	6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	6,791	\$ 3.50	\$ 23,768.50
6	506	6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	6,791	\$ 1.00	\$ 6,791.00
7	506	6040	BIODEG EROSN CONT LOGS (INSTL)(8")	LF	491	\$ 6.50	\$ 3,191.50
8	506	6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	491	\$ 2.00	\$ 982.00

SUBTOTAL - TRAFFIC CONTROL	\$ 192,936.00
SUBTOTAL - REMOVAL	\$ 133,175.00
SUBTOTAL - ROADWAY	\$ 3,461,660.00
SUBTOTAL - DRAINAGE	\$ 3,900,856.50
SUBTOTAL - SIGNING AND PAVEMENT MARKING	\$ 27,930.85
SUBTOTAL - ILLUMINATION	\$ 112,800.00
SUBTOTAL - LANDSCAPING/IRRIGATION	\$ 250,000.00
SUBTOTAL - SW3P	\$ 186,588.50
TOTAL FOR ALL ITEMS	\$ 8,265,946.85
MOBILIZATION (10%)	\$ 826,594.69
CONTINGENCY (10%)	\$ 909,254.15
PROJECT TOTAL	\$ 10,001,795.69



July 20, 2022

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

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

RE: MPO ID 18034/CSJ 0912-72-615 Antoine Drive Reconstruction and Widening – Project Segmentation

Director Raborn:

The City of Houston is working closely with Harris County and the Texas Department of Transportation to develop the subject project. To assist in the timely development of environmental documents, PS&E packages and construction letting, the City respectfully requests your assistance in processing an amendment to the 2023-2026 Transportation Improvement Program to segment the project into two sections at logical termini. Please see the attached exhibit with detailed information regarding this request.

Please note, the scope of work for each segment remains unchanged from our original TIP project application, and at this time no change is being requested to the total amount of federal STBG funds programmed.

Should you have any questions about this request, please contact David Wurdlow (832-395-2054 or David.Wurdlow@houstontx.gov).

Sincerely,

DocuSigned by:
A handwritten signature in black ink that reads "Carol Ellinger Haddock".
A93C410B72B3453...

Carol Ellinger Haddock, P.E.
Director
Houston Public Works

CC: James Koch, Texas Department of Transportation
Veronica Davis, Houston Public Works

A small box containing the initials "DW" with a superscript "DS" above it.
David Wurdlow, Houston Public Works
Lloyd Smith, Harris County Engineering Department

Antoine Drive Reconstruction and Widening – Project Segmentation**CURRENT:**

MPOID:		18034
CSJ:	0912-72-615	
Street:	ANTOINE DR	
Limits From:	W. MOUNT HOUSTON RD	
Limits To:	US 290	
Description:	RECONSTRUCT AND WIDEN 4 TO 6 LANES IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, INTERSECTION IMPROVEMENTS AND A RAILROAD GRADE SEPARATION	
Fiscal Year:		2025
Funding Category:	7-STBG	
Federal:		78,995,907
Local:		19,738,977
Total:		98,734,884

PROPOSED:**Segment #1**

MPOID:	TBD	
CSJ:	TBD	
Street:	ANTOINE DR	
Limits From:	W. MOUNT HOUSTON RD	
Limits To:	VICTORY DR	
Description:	RECONSTRUCT 4 LANE ROADWAY IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, AND INTERSECTION IMPROVEMENTS	
Fiscal Year:		2025
Funding Category:	7-STBG	
Federal:		20,000,000
Local:		5,000,000
Total:		25,000,000
Funding Category:	3-LOCAL CONT	
Local Contribution:		4,500,000

Segment #2

MPOID:		18034
CSJ:	0912-72-615	
Street:	ANTOINE DR	
Limits From:	VICTORY DR	
Limits To:	US 290	
Description:	RECONSTRUCT AND WIDEN 4 TO 6 LANES IN SEGMENTS WITH PEDESTRIAN AND BICYCLE ACCOMODATIONS, TURN LANES, INTERSECTION IMPROVEMENTS AND A RAILROAD GRADE SEPARATION	
Fiscal Year:		2026
Funding Category:	7-STBG	
Federal:		58,995,907
Local:		14,748,977
Total:		73,744,884
Funding Category:	3-LOCAL CONT	
Local Contribution:		12,000,000



July 7, 2022

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

**Re: Greater Southeast Management District
Areas of Persistent Poverty Discretionary FTA Grant Award**

Dear Mr. Raborn:

This letter respectfully requests a revision to the 2022-2023 Unified Planning Work Program (UPWP) and the 2023-2026 Transportation Improvement Program (TIP) to reflect the addition of Federal Transit Administration (FTA) Areas of Persistent Poverty Grant Funding¹ recently awarded to the Greater Southeast Management District.

PROJECT: Complete planning, preliminary engineering, and NEPA to improve multimodal safety, increase access to public transportation, and improve economic outcomes.

FEDERAL:	\$283,000
LOCAL:	\$31,445
TOTAL:	\$314,445

If you have any questions regarding this request, please contact Nikki Knight, Interim Program Manager at (832) 549-3190 or via email at nknight@houstonse.org.

Respectfully,

A handwritten signature in black ink that reads "Jerry Davis".

Jerry Davis
Interim Executive Director
Greater Southeast Management District

¹ <https://www.transit.dot.gov/grants/grant-programs/areas-persistent-poverty-program-fy2021-selected-projects>



June 17, 2022

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

**Re: The Woodlands Township – American Rescue Plan Route Planning Discretionary Grant
Transportation Improvement Program & Unified Planning Work Program Updates**

Dear Mr. Raborn,

This letter respectfully requests a revision to the FY 2022-2023 Unified Planning Work Program (UPWP) and the 2023-2026 Transportation Improvement Program (TIP) to reflect the addition of American Rescue Plan Act (ARPA) Route Planning Discretionary Grant Funding¹ provided by the Federal Transit Administration (FTA) to The Woodlands Township.

Project	Complete transit plan to evaluate post-COVID 19 service levels
Federal	\$400,000
Local	\$0
Total	\$400,000

If you have any questions regarding this request, please contact me at (346) 334-1027 or email me at RHaut@thewoodlandstowship-tx.gov.

Respectfully,

Ruthanne Haut
Deputy Director
The Woodlands Township

¹ <https://www.transit.dot.gov/funding/american-rescue-plan-route-planning-discretionary-grant-funding-selections>

H-GAC Transportation Development Credits Application

Contact Information

Name	Phone Number	E-Mail Address
Carlene Mullins	936-273-1643	carlene.mullins@h-gac.com

Project Information

MPOID	Sponsor Name
16354	H-GAC

TIP Project Description

Montgomery County Precinct 2 Mobility study consultant team is requesting additional funds for work that was not in the original scope of work. The additional work was the result of COVID 19, the H-GAC data breach and the discontinued use of Aimsun modeling software. Due to COVID-19 and the end of in-person meetings, the consultant team had to learn how to conduct meetings virtually which took more time than the scoped in-person meetings. The second reason has to do with the data breach that occurred in December 2021. One of the networks that housed the MP2 modeling information was not recovered, therefore the consultant team had to spend additional time analyzing the proposed scenarios. The third reason is that the consultant team did not receive the sub-area alternative analysis that was to be performed by Aimsun. The used of the software ended before the alternatives analysis was performed, thus creating additional work for the consultant team that was not scoped.

Federal Cost	TDC Request
\$45,723	9,145
Is this project currently in the TIP?	TIP Year
Yes	2020

Priority Use of TDCs

TDC Priority

Other Regionally Significant Project

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

The use of TDCs for Montgomery County Precinct 2 Mobility study will provide detailed information and recommendations to local and regional entities to develop projects that advance the goals of the region as defined in the 2045 Regional Transportation Plan. Outcomes from these studies will be incorporated into regional and local plans and funding opportunities.

Maintenance of Local Investment

Roadway, Transit, or Other Project?

Other Project

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

The use of TDCs for mobility plans, including Montgomery County Precinct 2 Mobility study, will aide in achieving the regional goals defined by the Regional Transportation Plan by providing a focused examination of specific project study areas identified by local entities as in need of improvement of one or more of the regional goals. Through coordination with local stakeholder committees and the public, these studies will provide guidance for future project development and coordination of multimodal transportation improvements.

Date Submitted

07/20/2022