

11A.

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

**BACKGROUND**

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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.

Administrative amendments to the TIP and RTP are brought to the Transportation Policy Council for information monthly and amended in accordance with the H-GAC Public Participation Plan.

**CURRENT SITUATION**

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- Modify the authorized phase of the METRO bus replacement project (MPO ID 15243/CSJ 0912-00-639) from 'Capital' to 'Transfer' and add emissions reductions values to TIP detail page to clear a Statewide Transportation Improvement Program (STIP) 'exception' (hold) placed by the Federal Highway Administration (FHWA). Assign Control-Section-Job number 0912-00-639.
- Modify the authorized phase of the Houston-Galveston Area Council (H-GAC) additional transit studies (MPO ID 18821/CSJ 0912-00-666) from 'Capital' to 'Transfer' to clear a STIP 'exception' (hold) placed by the Federal Highway Administration (FHWA).
- Modify the authorized phase of the H-GAC regional transit fares implementation project (MPO ID 18846/CSJ 0912-00-670) from 'Planning' to 'Engineering' and add emissions reductions values to TIP detail page to clear a Statewide Transportation Improvement Program (STIP) 'exception' (hold) placed by the Federal Highway Administration (FHWA).

**ACTION REQUESTED**

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For Information and Discussion.

**HOUSTON-GALVESTON MPO  
2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM**

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**August 2022 Administrative Modifications**

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**Projects Affected (MPOID (CSJ)):**

15243 (0912-00-639)      18821 (0912-00-666)      18846 (0912-00-670)

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**Summary of Modifications:**

Modification Type:	Funding	Scope	Schedule
Affected Projects:	-	3	-
*Notes:		phase	

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**Financial Constraint Statement:**

This amendment is consistent with fiscal constraint requirements.

**Air Quality Conformity Statement:**

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

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**Attachments:**

1. Summary of Proposed Changes
  2. Detailed Project Listing
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**Approved By:**



09/06/2022

**Craig Raborn**  
MPO Director  
Houston-Galveston Area Council

**Date**

**Craig Raborn**  
E-signed 2022-09-06 02:06PM CDT  
craig.raborn@h-gac.com  
ouston-Galveston Area Council



[James Koch, P.E. \(Sep 7, 2022 10:39 CDT\)](#)

09/07/2022

**James Koch, P.E.**  
Director of Transportation Planning &  
Development  
TxDOT, Houston District

**Date**

**James Koch, P.E.**  
E-signed 2022-09-07 10:39AM CDT  
james.koch1@txdot.gov



**H-GAC 2023-2026 TIP and 2045 RTP**

**August 2022 Administrative Amendments**

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
1	15243 0912-00-639	METRO (HAR)	METRO SERVICE AREA (VA, VA) REPLACE 20 40' HEAVY DUTY DIESEL BUSES OR DIESEL/ELECTRIC HYBRIDS WITH 20 ALL ELECTRIC BUSES; PURCHASE 10 ALL ELECTRIC CUTAWAY BUSES; PURCHASE NECESSARY RECHARGING STATIONS	T	No	<input type="checkbox"/>		<input checked="" type="checkbox"/> Phase	<input type="checkbox"/>
2	18821 0912-00-666	H-GAC (MUL)	HOUSTON-GALVESTON TMA (VA, VA) HIGH CAPACITY TRANSIT BUNDLE 2: ADDITIONAL TRANSIT STUDIES IN THE EIGHT-COUNTY TRANSPORTATION MANAGEMENT AREA	T	No	<input type="checkbox"/>		<input checked="" type="checkbox"/> Phase	<input type="checkbox"/>
3	18846 0912-00-670	METRO (MUL)	HOUSTON-GALVESTON TMA (VA, VA) CONTINUED IMPLEMENTATION OF A REGIONAL SEAMLESS FARE SYSTEM AND SUPPORTING PROJECT INCLUDING DATA MANAGEMENT, A MOBILE TICKETING APP AND RELATED EQUIPMENT, AND DEVELOPMENT OF A FARE POLICY	T	No	<input type="checkbox"/>		<input checked="" type="checkbox"/> Phase	<input type="checkbox"/>

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

**AUGUST ADMINSTRATIVE AMENDMENTS**

**PROPOSED VERSION**

**MPOID / CSJ**      **15243 / 0912-00-639**      **STIP Revision Date: 05/01/2022**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	<b>T</b>	HOUSTON	METRO	<b>\$29,193,000</b>
STREET:	METRO SERVICE AREA					FUNDING CATEGORY:	5
LIMITS FROM:	VA					VOC:	0.38 kg/day
LIMITS TO:	VA					NOx:	2.80 kg/day
TIP DESCRIPTION :	REPLACE 20 40' HEAVY DUTY DIESEL BUSES OR DIESEL/ELECTRIC HYBRIDS WITH 20 ALL ELECTRIC BUSES; PURCHASE 10 ALL ELECTRIC CUTAWAY BUSES; PURCHASE NECESSARY RECHARGING STATIONS						

**Project History :** AMENDMENT# AUG-2022A 2022-08-26 Change authorized phase from 'Capital' to 'Transfer', provide emissions reductions values on TIP detail page and confirm FY 2023 as programming year. Assign CSJ# 0912-00-639.  
**Remarks:** CMAQ funds for Electric Bus Purchase matched with 5,838,600 TDCs.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$29,193,000</b>	5-CMAQ	\$29,193,000	\$0	\$0	\$0	\$29,193,000
Right Of Way:	\$0		<b>Funding by share:</b>	\$29,193,000	\$0	\$0	\$0	\$29,193,000
Construction:	\$29,193,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$29,193,000</b>							
			TDC:	<b>0</b>				

**OLD VERSION**

**MPOID / CSJ**      **15243 /**      **STIP Revision Date: 05/01/2022**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Harris		VA	Capital	HOUSTON	METRO	<b>\$29,193,000</b>
STREET:	METRO SERVICE AREA					FUNDING CATEGORY:	5
LIMITS FROM:	VA					VOC:	0.38 kg/day
LIMITS TO:	VA					NOx:	2.80 kg/day
TIP DESCRIPTION :	REPLACE 20 40' HEAVY DUTY DIESEL BUSES OR DIESEL/ELECTRIC HYBRIDS WITH 20 ALL ELECTRIC BUSES; PURCHASE 10 ALL ELECTRIC CUTAWAY BUSES; PURCHASE NECESSARY RECHARGING STATIONS						

**Project History :** AMENDMENT# MAY 2022 2022-05-20 Program in FY 2023 with Cat-5 funding

**Remarks:** CMAQ funds for Electric Bus Purchase matched with 5,838,600 TDCs.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Funding By Category
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$0	<b>\$29,193,000</b>	5-CMAQ	\$29,193,000	\$0	\$0	\$0	\$29,193,000
Right Of Way:	\$0		<b>Funding by share:</b>	\$29,193,000	\$0	\$0	\$0	\$29,193,000
Construction:	\$29,193,000							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$29,193,000</b>							
			TDC:	<b>5,838,600</b>				

2023 - 2026 TRANSPORTATION IMPROVEMENT PROGRAM  
2045 REGIONAL TRANSPORTATION PLAN

AUGUST ADMINISTRATIVE AMENDMENTS

**PROPOSED VERSION**

**MPOID / CSJ**      **18821 / 0912-00-666**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Multiple	0912-00-666	VA	E	NONE	H-GAC	\$1,250,000

STREET: HOUSTON-GALVESTON TMA      FUNDING CATEGORY: 7  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : HIGH CAPACITY TRANSIT BUNDLE 2: ADDITIONAL TRANSIT STUDIES IN THE EIGHT-COUNTY TRANSPORTATION MANAGEMENT AREA

**Project History :** AMENDMENT#AUG-2022A 2022-08-30 \*\*Change authorized phase from 'Planning' to 'E' Engineering.

**Remarks:**

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,250,000	\$1,250,000	7-STBG	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Right Of Way:	\$0		<b>Funding by share:</b>					\$1,250,000
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$1,250,000</b>							

TDC: 0

**OLD VERSION**

**MPOID / CSJ**      **18821 / 0912-00-666**      **STIP Revision Date:**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Multiple	0912-00-666	VA	Planning	NONE	H-GAC	\$1,250,000

STREET: HOUSTON-GALVESTON TMA      FUNDING CATEGORY: 7  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : HIGH CAPACITY TRANSIT BUNDLE 2: ADDITIONAL TRANSIT STUDIES IN THE EIGHT-COUNTY TRANSPORTATION MANAGEMENT AREA

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

**Remarks:**

<b>Total Project Cost Information:</b>		<b>Cost of Approved Phases:</b>	<b>Authorized Funding by Category/Share:</b>					<b>Funding By Category</b>
			Funding Category	Federal	State	Local	Local Contribution	
Preliminary Engineering:	\$1,250,000	\$1,250,000	7-STBG	\$1,250,000	\$0	\$0	\$0	\$1,250,000
Right Of Way:	\$0		<b>Funding by share:</b>					\$1,250,000
Construction:	\$0							
Construction Engineering:	\$0							
Contingencies:	\$0							
Indirects:	\$0							
Bond Financing:	\$0							
<b>Total Project Cost</b>	<b>\$1,250,000</b>							

TDC: 0

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

**AUGUST ADMINISTRATIVE AMENDMENTS**

**PROPOSED VERSION**

**MPOID / CSJ**      **18846 / 0912-00-670**      **STIP Revision Date: 05/01/2022**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Multiple	0912-00-670	VA	T	NONE	METRO	\$5,000,000

STREET: HOUSTON-GALVESTON TMA      FUNDING CATEGORY: 5  
 LIMITS FROM: VA      VOC: 0.57 kg/day  
 LIMITS TO: VA      NOx: 0.60 kg/day  
 TIP DESCRIPTION : CONTINUED IMPLEMENTATION OF A REGIONAL SEAMLESS FARE SYSTEM AND SUPPORTING PROJECT INCLUDING DATA MANAGEMENT, A MOBILE TICKETING APP AND RELATED EQUIPMENT, AND DEVELOPMENT OF A FARE POLICY

**Project History :** Amendment # AUG-2022A 2022-08-26 Change authorized phase from 'Capital' to 'Transfer', provide emissions reductions values on TIP detail page and confirm FY 2023 as programming year.

**Remarks:**

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

**OLD VERSION**

**MPOID / CSJ**      **18846 / 0912-00-670**      **STIP Revision Date: 05/01/2022**      **FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
Houston	Multiple	0912-00-670	VA	Capital	NONE	METRO	\$5,000,000

STREET: HOUSTON-GALVESTON TMA      FUNDING CATEGORY: 5  
 LIMITS FROM: VA      VOC: kg/day  
 LIMITS TO: VA      NOx: kg/day  
 TIP DESCRIPTION : CONTINUED IMPLEMENTATION OF A REGIONAL SEAMLESS FARE SYSTEM AND SUPPORTING PROJECT INCLUDING DATA MANAGEMENT, A MOBILE TICKETING APP AND RELATED EQUIPMENT, AND DEVELOPMENT OF A FARE POLICY

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

**Remarks:**

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