

**AMENDMENTS TO THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM  
(TIP) AND 2045 REGIONAL TRANSPORTATION PLAN (RTP)**

**Summary**

- Combine two (2) adjoining segments of access management treatments on FM 2920 in Harris County at the Texas Department of Transportation Houston District's request. The overall cost, limits and schedule will be unchanged.
- Program the Metropolitan Transit Authority of Harris County (METRO) Emergency and Community Services (ECS) Center construction project in fiscal year 2022 of the TIP with a \$5.9M Federal Transit Administration (FTA) Emergency Relief Resilience Program (Chapter 53, Section 5324) grant. The federal funding was awarded as a result of losses sustained during Hurricane Harvey in 2017.
- Program the METRO Missouri City Park & Ride construction project in fiscal year 2022 of the TIP with \$37M of local funding. The project, which was approved by voters in the METRONext transit plan in 2019, will construct a new facility at a location close to the intersection of Beltway 8 and US 90A.
- Program four (4) METRO Bus Operations Optimized Systems Treatment (BOOST) projects in fiscal years 2022 and 2024 of the TIP with \$145M of local funding. The projects, which will improve transit service on seventeen (17) high frequency routes in the system, will include all phases, right-of-way acquisition, environmental planning, design and construction. The BOOST program was approved by voters in the METRONext plan in 2019.

**Action Requested**

TAC recommendation of the TPC approval of Resolution 2021-18.



# Resolution

## NO. 2021-18

AUTHORIZING AMENDMENTS OF THE 2045 REGIONAL TRANSPORTATION PLAN (RTP) AND THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA

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

**WHEREAS**, the 2021-2024 Transportation Improvement Program for the Houston-Galveston Transportation Management Area was adopted by the Transportation Policy Council on June 26, 2020; and

**WHEREAS**, the proposed revisions to the 2021-2024 Transportation Improvement Program are consistent with the 2045 Regional Transportation Plan and its finding of conformance with the State Implementation Plan for air quality; and

**WHEREAS**, the proposed revisions to the 2021-2024 Transportation Improvement Program are consistent with the federal fiscal constraint requirements established for the Transportation Improvement Program and are consistent with the financially constrained 2045 Regional Transportation Plan.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION POLICY COUNCIL (TPC) FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA THAT THE 2045 REGIONAL TRANSPORTATION PLAN AND THE 2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM BE AMENDED TO REFLECT THE REVISIONS IDENTIFIED IN THE TABLE OF **JUNE 2021 TPC AMENDMENTS**.

BE IT FURTHER RESOLVED THAT FEDERAL FUNDS AUTHORIZED BY THE TPC FROM THE CONGESTION MITIGATION AND AIR QUALITY (CMAQ) AND SURFACE TRANSPORTATION BLOCK GRANT (STBG) PROGRAMS REPRESENT A LIMITING AMOUNT. ANY COST OVERRUNS ON PHASES OF WORK AUTHORIZED BY THE TPC OR COSTS INCURRED ON PHASES OF WORK NOT AUTHORIZED BY THE TPC SHALL BE THE RESPONSIBILITY OF THE PROJECT SPONSOR. IN NO CASE, SHALL FEDERAL PARTICIPATION UNDER THE CMAQ AND STBG PROGRAMS BE INCREASED WITHOUT CONSULTATION AND THE EXPRESS APPROVAL OF THE TPC.

**Agenda Item 05**  
**TAC Meeting Packet - 6/16/21**

**PASSED AND APPROVED** this 25<sup>th</sup> day of June 2021, at a regularly called meeting of the Transportation Policy Council.

APPROVED:

ATTEST:

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Hon. Kenneth Clark, Chairman  
Transportation Policy Council

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Hon. Grady Prestage, Secretary  
Transportation Policy Council

H-GAC 2021-2024 TIP and 2045 RTP

June 2021 TPC Amendments

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
1	18019/ 2941-02-062	TXDOT HOU (HAR)	FM 2920 (KUYKENDAHL R..., WILLOW ST) ACCESS MANAGEMENT TREATMENTS INCLUDE CONSTRUCTION OF A RAISED MEDIAN WITH CHANNELIZATION, CONSTRUCTION OF RIGHT TURN LANES, OPTIMIZED SIGNAL TIMING AND IMPROVED SIGNAGE	R	Yes	<input checked="" type="checkbox"/> (\$1.0)		<input checked="" type="checkbox"/> Combine into 18145.	<input checked="" type="checkbox"/> Cancel.
2	18145/ 2941-02-062	TXDOT HOU (HAR)	FM 2920 (WILLOW ST, LEXINGTON RD) VARIOUS ACCESS MANAGEMENT TREATMENTS TO INCLUDE CONSTRUCTION OF A RAISED MEDIAN WITH CHANNELIZATION, CONSTRUCTION OF RIGHT TURN LANES, OPTIMIZED SIGNAL TIMING AND IMPROVED SIGNAGE	R	Yes	<input checked="" type="checkbox"/> + \$1.0		<input checked="" type="checkbox"/> Add 18109.	<input type="checkbox"/>
3	18192	METRO (HAR)	MISSOURI CITY PA... (US 90A, BW 8) CONSTRUCT NEW PARK AND RIDE IN THE VICINITY OF US 90A AND BW 8	T	Yes	<input checked="" type="checkbox"/>	+ \$36.7	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> FY 2023
4	18760	METRO (HAR)	METRO SERVICE AR... (VA, VA) CONSTRUCT A NEW EMERGENCY AND COMMUNITY SERVICES CENTER (PHASES INCLUDE DESIGN, ENVIRONMENTAL ASSESSMENT, REAL ESTATE	T	Yes	<input checked="" type="checkbox"/>	+ \$5.9 + \$50.7	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> FY 2022
5	18761	METRO (HAR)	54 SCOTT BOOST C... (VA, VA) DEVELOP THE 54 SCOTT HIGH FREQUENCY ROUTE AS A BOOST CORRIDOR	T	Yes	<input checked="" type="checkbox"/>	+ \$25.0	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> FY 2022
6	18762	METRO (HAR)	56 AIRLINE/MONTR... (VA, VA) DEVELOP THE 56 AIRLINE/MONTROSE HIGH FREQUENCY ROUTE AS A BOOST CORRIDOR	T	Yes	<input checked="" type="checkbox"/>	+ \$26.0	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> FY 2022
7	18763	METRO (HAR)	82 WESTHEIMER BO... (VA, VA) DEVELOP THE 82 WESTHEIMER HIGH FREQUENCY ROUTE AS A BOOST CORRIDOR	T	Yes	<input checked="" type="checkbox"/>	+ \$44.0	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> FY 2022
8	18764	METRO (HAR)	METRO SERVICE AR... (VA, VA) DEVELOP ADDITIONAL BOOST CORRIDORS AS SHOWN IN METRONEXT	T	Yes	<input checked="" type="checkbox"/>	+ \$50.0	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> FY 2024

May 2021  
TIP Amendment  
Detailed Pages

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2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM

2045 REGIONAL TRANSPORTATION PLAN

June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18192/NA**

**FY 2023**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS		P&R	T	MISSOURI CITY	METRO	\$36,686,000
STREET: MISSOURI CITY PARK & RIDE LIMITS FROM: US 90A LIMITS TO: BW 8 TIP: <b>CONSTRUCT NEW PARK AND RIDE IN THE VICINITY OF US 90A AND BW 8</b> DESCRIPTION: REMARKS:							REV DATE: MPO PROJECT ID: 18192 FUNDING CATEGORY: 3 MTP REFERENCE:

**Project History:** Amendment # JUN-2021- 06/26/21 Program in FY 2023 of the TIP with Local funding.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	\$36,686,000	---	---	---	\$36,686,000	---	\$36,686,000	
Right Of Way:	---		<b>LOCAL TRANSIT:</b>						
Construction:	\$36,686,000		<b>Funding by Share:</b>						
Construction Engineering:	---		---	---	---	\$36,686,000	---	\$36,686,000	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$36,686,000</b>								

**OLD VERSION**

**MPOID/CSJ: 18192/NA**

**FY 2040**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	FORT BEND			T	MISSOURI CITY	METRO	\$36,686,000
STREET: MISSOURI CITY PARK AND RIDE LIMITS FROM: US 90 A LIMITS TO: BW 8 TIP: REPLACES EXISTING MISSOURI CITY PARK AND RIDE WITH NEW FACILITY CLOSER TO DESCRIPTION: INTERSECTION OF US 90A AND BELTWAY 8 REMARKS:							REV DATE: MPO PROJECT ID: 18192 FUNDING CATEGORY: MTP REFERENCE:

**Project History:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	\$36,686,000	---	---	---	\$36,686,000	---	\$36,686,000	
Right Of Way:	---		<b>LOCAL TRANSIT:</b>						
Construction:	\$36,686,000		<b>Funding by Share:</b>						
Construction Engineering:	---		---	---	---	\$36,686,000	---	\$36,686,000	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$36,686,000</b>								

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**  
 June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18760/NA**

**FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS		VA	T	HOUSTON	METRO	<b>\$56,600,000</b>

STREET:	METRO SERVICE AREA	REV DATE:	
LIMITS FROM:	VA	MPO PROJECT ID:	18760
LIMITS TO:	VA	FUNDING CATEGORY:	5324
TIP		MTP REFERENCE:	
DESCRIPTION:	CONSTRUCT A NEW EMERGENCY AND COMMUNITY SERVICES CENTER (PHASES INCLUDE DESIGN, ENVIRONMENTAL ASSESSMENT, REAL ESTATE ACQUISITION AND CONSTRUCTION)		

REMARKS: Project History: Amendment # JUN-2021- 06/26/21- Program in FY 2022 of the TIP with FTA Section 5324 and Local funding.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	<b>\$56,600,000</b>							
Right Of Way:	---		Sec. 5324:	\$5,924,200	---	---	\$50,675,800	---	
Construction:	\$56,600,000								
Construction Engineering:	---		<b>Funding by Share:</b>	\$5,924,200	---	---	\$50,675,800	---	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$56,600,000</b>								



HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**  
 June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18761/NA**

**FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS		VA	T	HOUSTON	METRO	<b>\$25,000,000</b>

STREET: 54 SCOTT BOOST CORRIDOR  
 LIMITS FROM: VA  
 LIMITS TO: VA  
 TIP: DEVELOP THE 54 SCOTT HIGH FREQUENCY ROUTE AS A BOOST CORRIDOR  
 DESCRIPTION:  
 REMARKS:

REV DATE:  
 MPO PROJECT ID: 18761  
 FUNDING CATEGORY: 3  
 MTP REFERENCE:

**Project History:** Amendment # JUN-2021- 06/26/21 Program in FY 2022 of the TIP with Local funding.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	<b>\$25,000,000</b>	<b>LOCAL TRANSIT:</b>					---	<b>\$25,000,000</b>
Right Of Way:	---		---	---	---	\$25,000,000	---	\$25,000,000	
Construction:	\$25,000,000		<b>Funding by Share:</b>					---	\$25,000,000
Construction Engineering:	---		---	---	---	\$25,000,000	---	\$25,000,000	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$25,000,000</b>								

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**  
 June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18762/NA**

**FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS		VA	T	HOUSTON	METRO	<b>\$26,000,000</b>

STREET: 56 AIRLINE/MONTROSE BOOST COORIDOR  
 LIMITS FROM: VA  
 LIMITS TO: VA  
 TIP: DEVELOP THE 56 AIRLINE/MONTROSE HIGH FREQUENCY ROUTE AS A BOOST CORRIDOR  
 DESCRIPTION:  
 REMARKS:

REV DATE:  
 MPO PROJECT ID: 18762  
 FUNDING CATEGORY: 3  
 MTP REFERENCE:

**Project History:** Amendment # JUN-2021- 06/26/21 Program in FY 2022 of the TIP with Local funding.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	<b>\$26,000,000</b>	<b>LOCAL TRANSIT:</b>					---	<b>\$26,000,000</b>
Right Of Way:	---		---	---	---	\$26,000,000	---	\$26,000,000	
Construction:	\$26,000,000		<b>Funding by Share:</b>					---	\$26,000,000
Construction Engineering:	---		---	---	---	\$26,000,000	---	\$26,000,000	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$26,000,000</b>								

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**  
 June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18763/NA**

**FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS		VA	T	HOUSTON	METRO	<b>\$44,000,000</b>

STREET: 82 WESTHEIMER BOOST CORRIDOR  
 LIMITS FROM: VA  
 LIMITS TO: VA  
 TIP: DEVELOP THE 82 WESTHEIMER HIGH FREQUENCY ROUTE AS A BOOST CORRIDOR  
 DESCRIPTION:  
 REMARKS:

REV DATE:  
 MPO PROJECT ID: 18763  
 FUNDING CATEGORY: 3  
 MTP REFERENCE:

**Project History:** Amendment # JUN-2021- 06/26/21 Program in FY 2022 of the TIP with Local funding.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	<b>\$44,000,000</b>	LOCAL TRANSIT:					---	<b>\$44,000,000</b>
Right Of Way:	---		---	---	---	\$44,000,000	---	---	
Construction:	\$44,000,000		<b>Funding by Share:</b>					---	<b>\$44,000,000</b>
Construction Engineering:	---		---	---	---	\$44,000,000	---	---	
Contingencies:	---		---	---	---	---	---	---	
Indirects:	---		---	---	---	---	---	---	
Bond Financing:	---	---	---	---	---	---	---		
<b>Total Project Cost:</b>	<b>\$44,000,000</b>	---	---	---	---	---	<b>\$44,000,000</b>		

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**  
 June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18764/NA**

**FY 2024**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS		VA	T	HOUSTON	METRO	<b>\$50,000,000</b>

STREET: METRO SERVICE AREA	REV DATE:
LIMITS FROM: VA	MPO PROJECT ID: 18764
LIMITS TO: VA	FUNDING CATEGORY: 3
TIP	MTP REFERENCE:
DESCRIPTION: DEVELOP ADDITIONAL BOOST CORRIDORS AS SHOWN IN METRONEXT	
REMARKS:	

**Project History:** Amendment # JUN-2021- 06/26/21 Program in FY 2024 of the TIP with Local funding.

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
			Federal	State	Regional	Local			
Preliminary Engineering:	---	<b>\$50,000,000</b>	LOCAL TRANSIT:					---	\$50,000,000
Right Of Way:	---		---	---	---	\$50,000,000	---	\$50,000,000	
Construction:	\$50,000,000		<b>Funding by Share:</b>					---	\$50,000,000
Construction Engineering:	---		---	---	---	\$50,000,000	---	\$50,000,000	
Contingencies:	---								
Indirects:	---								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$50,000,000</b>								

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**

June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18019/2941-02-062**

**Cancelled**

**FY 2022**

**OLD VERSION**

**MPOID/CSJ: 18019/2941-02-062**

**FY 2022**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS	2941-02-062	FM 2920	C	NONE	TXDOT HOUSTON DISTRICT	\$968,643
STREET:	FM 2920					REV DATE:	
LIMITS FROM:	KUYKENDAHL RD					MPO PROJECT ID:	18019
LIMITS TO:	WILLOW ST					FUNDING CATEGORY:	5
TIP	ACCESS MANAGEMENT TREATMENTS INCLUDE CONSTRUCTION OF A RAISED MEDIAN WITH					MTP REFERENCE:	
DESCRIPTION:	CHANNELIZATION, CONSTRUCTION OF RIGHT TURN LANES, OPTIMIZED SIGNAL TIMING AND IMPROVED SIGNAGE.					NOx (KG/DAY): 1.8	VOC (KG/DAY): 0.6

REMARKS:

**Project History:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
Item	Amount		5-CMAQ:	Federal	State	Regional	Local		
Preliminary Engineering:	\$47,464								
Right Of Way:	---		\$774,914	---	---	\$193,729	---	\$968,643	
Construction:	\$968,643	\$968,643							
Construction Engineering:	\$87,178								
Contingencies:	\$96,864								
Indirects:	\$49,207								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$1,249,356</b>					\$193,729	---	\$968,643	

HOUSTON-GALVESTON MPO  
**2021-2024 TRANSPORTATION IMPROVEMENT PROGRAM**  
**2045 REGIONAL TRANSPORTATION PLAN**

June 2021 Amendments

**PROPOSED VERSION**

**MPOID/CSJ: 18145/2941-02-062**

**FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS	2941-02-062	FM 2920	C	TOMBALL	TXDOT HOUSTON DISTRICT	<b>\$2,379,902</b>
STREET:	FM 2920					REV DATE: 05/2021	
LIMITS FROM:	<b>WILLOW ST</b>					MPO PROJECT ID: 18145	
LIMITS TO:	LEXINGTON RD					FUNDING CATEGORY: 5,7	
TIP	VARIOUS ACCESS MANAGEMENT TREATMENTS TO INCLUDE CONSTRUCTION OF A RAISED					MTP REFERENCE:	
DESCRIPTION:	MEDIAN WITH CHANNELIZATION, CONSTRUCTION OF RIGHT TURN LANES, OPTIMIZED SIGNAL					<b>NOx (KG/DAY): 1.8</b>	<b>VOC (KG/DAY): 0.6</b>
	TIMING AND IMPROVED SIGNAGE						

REMARKS: VOC: 1.0 Kg/Day; NOx: 3.2 Kg/Day. CMAQ funds will be used to construct a new raised median.

**Project History: Amend# JUN-2021 - Combine 18019 into 18145, both of which were defined under CSJ 2941-02-062, without cost or overall limits changes. CMAQ funds will be used to construct a new raised median. Cancel 18019.**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
Preliminary Engineering:	\$116,615		Federal	State	Regional	Local			
Right Of Way:	---		<b>5-CMAQ:</b>	<b>\$774,914</b>	<b>\$193,729</b>	---	---	---	<b>\$968,643</b>
Construction:	\$2,379,902	<b>\$2,379,902</b>	7-STBG:	\$1,129,007	\$282,252	---	---	---	\$1,411,259
Construction Engineering:	\$142,794								
Contingencies:	\$237,990								
Indirects:	\$120,899								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$2,998,201</b>		<b>Funding by Share:</b>	\$1,903,921	\$475,981	---	---	---	<b>\$2,379,902</b>

**OLD VERSION**

**MPOID/CSJ: 18145/2941-02-062**

**FY 2021**

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOE COST
HOUSTON	HARRIS	2941-02-062	FM 2920	C	NONE	TXDOT HOUSTON DISTRICT	<b>\$1,411,259</b>
STREET:	FM 2920					REV DATE:	
LIMITS FROM:	KUYKENDAHL RD					MPO PROJECT ID: 18145	
LIMITS TO:	LEXINGTON RD					FUNDING CATEGORY: 7	
TIP	VARIOUS ACCESS MANAGEMENT TREATMENTS ALONG FM 2920 FROM LEXINGTON ROAD TO					MTP REFERENCE:	
DESCRIPTION:	KUYKENDAHL ROAD. TREATMENTS INCLUDE CONSTRUCTION OF A RAISED MEDIAN WITH						
	CHANNELIZATION, CONSTRUCTION OF RIGHT TURN LANES, OPTIMIZED SIGNAL TIMING AND						
	IMPROVED SIGNAGE.						

REMARKS:

**Project History:**

Total Project Cost Information:		Cost of Approved Phases:	Authorized Funding by Category/Share:					Local Contribution	Funding By Category
Preliminary Engineering:	\$116,615		Federal	State	Regional	Local			
Right Of Way:	---								
Construction:	\$2,379,902	<b>\$2,379,902</b>	7-STBG:	\$1,129,007	\$282,252	---	---	---	\$1,411,259
Construction Engineering:	\$142,794								
Contingencies:	\$237,990								
Indirects:	\$120,899								
Bond Financing:	---								
<b>Total Project Cost:</b>	<b>\$2,998,201</b>		<b>Funding by Share:</b>	\$1,129,007	\$282,252	---	---	---	\$1,411,259



**APTA  
AWARD WINNER**

**Mission  
Statement**

*“Provide safe, clean, reliable, accessible and friendly public transportation services to our region.”*

**Board of  
Directors**

Carrin F. Patman  
*Chair*

Jim Robinson  
*First Vice-Chair*

Don Elder, Jr.  
*Second Vice-Chair*

Troi Taylor  
*Secretary*

Lex Frieden

Bob Fry

Christopher G.  
Hollins

Terry Morales

Sanjay  
Ramabhadran  
(Ram)

**President &  
Chief  
Executive  
Officer**

Thomas C.  
Lambert



April 1, 2021

Mr. Craig Raborn  
Director of Transportation Planning  
H-GAC  
3555 Timmons, Suite 120  
Houston, TX 77027

**RE: Request for amendment to the 2021-2024 Transportation Improvement Program (TIP)**

Dear Mr. Raborn:

METRO requests an amendment to the 2021-2024 TIP and 2045 Regional Transportation Plan for a project to develop a new Emergency and Community Services (ECS) Center. The project is intended to support METRO’s ongoing efforts to serve the Houston area community. It will provide an emergency mobilization area for the METRO Police Department, a more accessible location for METRO’s ADA certification and training and other community-oriented services. METRO requests that all project phases, including right-of-way acquisition, environmental planning, design and construction, be included in fiscal year 2022.

The most recent estimated cost for the project is \$56.6 million. METRO will fund a portion of the project with a federal emergency grant it received following Hurricane Harvey. The remainder of the project cost will be covered by METRO’s local sales tax revenue. Additional federal funding may be applied to the project should grant funds become available. Attached is a project description with a funding table and a copy of the Federal Transit Administration’s letter approving the Section 5324 grant funding.

Thank you for your assistance in developing this critical infrastructure. Should you have any questions regarding this request, please contact me at [Edmund.Petry@ridemetro.org](mailto:Edmund.Petry@ridemetro.org).

Sincerely,

Edmund J. Petry, AICP  
Director – System and Capital Planning

Cc: Clint Harbert, AICP, Vice President-System & Capital Planning  
Albert Lyne, Director, Grants Program  
Adam Beckom, H-GAC  
Vishu Lingala, H-GAC  
Jim Dickinson, H-GAC





U.S. Department  
of Transportation  
**Federal Transit  
Administration**

REGION VI  
Arkansas, Louisiana,  
New Mexico, Oklahoma,  
Texas

819 Taylor St. Room 14A02  
Fort Worth, TX 76102  
817-978-0550  
817-978-0575 (fax)

April 2, 2019

Mr. Eric L. Gleason  
Director, Public Transportation Director  
Texas Department of Transportation  
125 East 11<sup>th</sup> Street  
Austin, TX 78701-2483

Re: TXDOT Program of Projects

Dear Mr. Gleason:

We have reviewed the Emergency Relief Resilience Program of Projects submitted to our office on December 13, 2018. FTA concurs with the recommendations provided by TXDOT to fund three resilience projects under 49 U.S.C. 5324 Public Transportation Emergency Relief Program. The following projects located within the disaster area of Hurricane Harvey are hereby approved.

1. Houston METRO - METRO Police and Emergency Operations Center - \$5,924,200
2. Port Arthur – Port Arthur Transit Flood Resiliency for Critical Support Facilities - 723,800
3. Rural Economic Assistance League (REAL) – Power Up REAL Project - \$65,000

The approved projects must be added to the Statewide Transportation Improvement Program (STIP) and/or the Transportation Improvement Program (TIP) as applicable prior to incurring costs.

Projects funded under the resilience allocation must follow all federal requirements, unless a recipient requests and receives a waiver through the FTA docket number FTA-2019-0001 as described in 49 CFR § 601.42.

Pre-award authority is granted to the approved recipients.

If you have any questions or need further assistance regarding this matter, please contact Sharon Coats of my staff. You can reach her by telephone at (817) 978-0552 or by email at [sharon.coats@dot.gov](mailto:sharon.coats@dot.gov).

Sincerely,

Robert C. Patrick  
Regional Administrator





**APTA  
AWARD WINNER**

**Mission  
Statement**

*“Provide safe, clean, reliable, accessible and friendly public transportation services to our region.”*

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Thomas C.  
Lambert



April 14, 2021

Mr. Craig Raborn  
Director of Transportation Planning  
H-GAC  
3555 Timmons, Suite 120  
Houston, TX 77027

**RE: Request for amendment to the 2021-2024 Transportation Improvement Program (TIP) for MPO ID 18192**

Dear Mr. Raborn:

METRO requests an amendment to the 2021-2024 TIP and 2045 Regional Transportation Plan. The amendment would program METRO’s new Missouri City Park & Ride in the vicinity of US 90A and BW 8. METRO requests that all project phases, including right-of-way acquisition, environmental planning, design and construction be included in the TIP.

The project is included in METRONext, METRO’s regional transit plan approved by voters in 2019 and endorsed by the Transportation Policy Council. The new park and ride facility will provide new commuter bus service between the Texas Medical Center (TMC) and Missouri City.

Attached are a project description and funding table for the project. Thank you for your assistance with this amendment. Should you have any questions regarding this request, please contact me at [Edmund.Petry@ridemetrol.org](mailto:Edmund.Petry@ridemetrol.org).

Sincerely,

Edmund J. Petry, AICP  
Director – System and Capital Planning

Cc: Clint Harbert, AICP, Vice President-System & Capital Planning  
Albert Lyne, Director, Grants Program  
Adam Beckom, H-GAC  
Vishu Lingala, H-GAC  
Jim Dickinson, H-GAC



## METRO Request for 2021-2024 TIP Amendment

### Project: Missouri City Park and Ride (MPO ID 18192)

The Missouri City/BW 8 Transit Facility will provide new commuter bus service between the Texas Medical Center (TMC) and Missouri City. The facility will be located in the vicinity of US 90A and BW 8 and will include a bus platform for both regional express and local buses as well as parking for commuters. This project connects Missouri City with TMC and Downtown Houston through METRO's regional express network and serves the fast-growing portions of Harris County and Missouri City.

The project will include a multi-story parking garage to support increased travel demand. At the end stage, this facility will accommodate parking for approximately 2,000 vehicles. It will also have an end of line connection for the proposed METRO Rapid West Houston BRT Corridor line and the Gessner bus line which is part of the BOOST Network, a program to improve speed, reliability, and access for 16 high-ridership, frequent bus routes.

### Funding:

PROJECT	Description	FY	CATG	FED	LOCAL	TOTAL
Missouri City Park and Ride @ US 90A	Construct new park and ride in the vicinity of US 90A and BW 8	2023	Local Transit	\$0	\$36,686,000	\$36,686,000

### Action Requested:

The project is in the 2045 RTP. METRO requests that the project be advanced to FY 2023 in the FY 2021-2024 Transportation Improvement Program and Statewide Transportation Improvement Program.



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Sanjay Ramabhadran  
(Ram)

**President &  
Chief  
Executive  
Officer**

Thomas C. Lambert



April 9, 2021

Mr. Craig Raborn  
Director of Transportation Planning  
H-GAC  
3555 Timmons, Suite 120  
Houston, TX 77027

**RE: Request for amendments to the 2021-2024 Transportation Improvement Program (TIP)**

Dear Mr. Raborn:

METRO requests four amendments to the 2021-2024 TIP and 2045 Regional Transportation Plan. The amendments would program METRO’s Bus Operations Optimized System Treatments (BOOST) projects. METRO requests that all project phases, including right-of-way acquisition, environmental planning, design and construction be included in the TIP.

In 2019, voters overwhelmingly supported METRONext, METRO’s ambitious regional transit plan. METRONext reflects METRO’s ongoing emphasis on improving the customer experience through faster, more reliable, and more accessible transit service. This emphasis is reflected in the designation of seventeen (17) BOOST corridors throughout the service area. The BOOST program aims to holistically improve the transit experience on METRO’s busiest bus routes across the system, delivering benefits to tens of thousands of existing riders and positioning the corridors to attract new ridership in the years to come.

Attached are project descriptions and funding tables for the four projects. Thank you for your assistance with these amendments. Should you have any questions regarding this request, please contact me at [Edmund.Petry@ridemetro.org](mailto:Edmund.Petry@ridemetro.org).

Sincerely,

Edmund Petry  
Director – System and Capital Planning

Cc: Clint Harbert, AICP, Vice President-System & Capital Planning  
Albert Lyne, Director, Grants Program  
Yuhayna Mahmud, Project Manager-BOOST Program  
Adam Beckom, H-GAC  
Vishu Lingala, H-GAC  
Jim Dickinson, H-GAC



## METRO Request for 2021-2024 TIP Amendment

### Description: Bus Operations Optimized System Treatments (BOOST)

The BOOST program aims to holistically improve the transit experience on METRO's busiest bus routes across the system, delivering benefits to tens of thousands of existing riders and positioning the corridors to attract new ridership in the years to come. METRO has designated seventeen (17) BOOST corridors throughout its service area. BOOST improvements may include:

- Near-level boarding and 2-door boarding
- New shelters with lighting, seating and route maps
- Accessibility enhancements such as ADA ramps, stop beacons, and accessible sidewalk connections
- Transit signal priority at intersections
- Enhanced passenger information, and
- Bus-only lanes where feasible.

All 17 BOOST corridors have been environmentally cleared as a program of projects. The purpose of environmentally clearing the entire program was to expedite delivery of the program as efficiently as possible. It allows METRO to have a pool of projects that are ready for implementation as funding becomes available through federal grants, local revenues and other sources. At this time, METRO has three (3) BOOST projects in development that it would like to add to the 2021-2024 Transportation Improvement Program (TIP): 54 Scott, 56 Airline/Montrose and 82 Westheimer. A fourth project would serve as a placeholder for the remaining BOOST corridors. Adding these projects to the TIP will allow METRO to continue to work with its regional partners to develop the program, secure letters of no prejudice from the Federal Transit Administration and seek federal funding opportunities for project implementation.

### Funding:

PROJECT	Description	FY	CATG	FED	LOCAL	TOTAL
54 Scott BOOST	Develop the 54 Scott high frequency route as a BOOST corridor	2022	Local Transit	\$0	\$25,000,000	\$25,000,000

**METRO Request for 2021-2024 TIP Amendment**

<b>PROJECT</b>	<b>Description</b>	<b>FY</b>	<b>CATG</b>	<b>FED</b>	<b>LOCAL</b>	<b>TOTAL</b>
56 Airline/ Montrose BOOST	Develop the 56 Airline/Montrose high frequency route as a BOOST corridor	2022	Local Transit	\$0	\$26,000,000	\$26,000,000

<b>PROJECT</b>	<b>Description</b>	<b>FY</b>	<b>CATG</b>	<b>FED</b>	<b>LOCAL</b>	<b>TOTAL</b>
82 Westheimer BOOST	Develop the 82 Westheimer high frequency route as a BOOST corridor	2022	Local Transit	\$0	\$44,000,000	\$44,000,000

<b>PROJECT</b>	<b>Description</b>	<b>FY</b>	<b>CATG</b>	<b>FED</b>	<b>LOCAL</b>	<b>TOTAL</b>
Other BOOST Corridors	Develop additional BOOST corridors as shown in METRONext	2024	Local Transit	\$0	\$50,000,000	\$50,000,000

**Action Requested:**

METRO requests that the projects be added to the FY 2021-2024 TIP and Statewide Transportation Improvement Program.