

11C. 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 proposed revisions to the 2023-2026 TIP and 2045 RTP is included below for the Committee's review.

- Program the TxDOT Houston District's FM 1488 Right-of-Way (ROW) acquisition with federal/state SW-ROW funding in FY 2024 (MPO ID 18985) for the FY 2026 new 4 lane construction in Montgomery County (MPO ID 16313). (+\$14.2M; Total: \$14.2M)
- Program the TxDOT Houston District's IH 10 West frontage roads construction project (MPO ID 19023) in Waller County selected by the Transportation Policy Council as a Regional Goods Movement project in December 2023 with Category-2 funding. (+\$52.9M; Total: \$52.9M)
- Program the TxDOT Houston District's IH 10 West frontage roads construction project (MPO ID 19024) in Fort Bend County selected by the Transportation Policy Council as a Regional Goods Movement project in December 2023 with Category-2 funding. (+\$4.0M; Total: \$4.0M)
- Program the TxDOT Houston District's IH 45 North Houston Highway Improvement Project (NHHIP) ROW phase project for Segment 3C-1 (MPO ID 18976), funded with federal/state SW-ROW funding, in FY 2024 to allow commencement of advanced ROW acquisitions and utilities coordination. (+\$94.0M; Total: \$94.0M)
- Program the TxDOT Houston District's IH 45 NHHIP ROW phase project for Segment 3C-2 (MPO ID 18977), funded with federal/state SW-ROW funding, in FY 2024 to allow commencement of advanced ROW acquisitions and utilities coordination. (+\$610.0M; Total: \$610.0M)

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- Split out two segments (MPO IDs 19025, 19026) of the TxDOT Houston District's NHHIP Segment 3C-2 interchanges reconstruction project (MPO ID 16330) to improve its constructability and delay it to FY 2028. (+\$0M; Total: \$1.1B)
 - Program the TxDOT Houston District's NHHIP main lane reconstruction project for Segment 3C-2 (MPO ID 19025), which would be split out from MPO ID 16330, with federal/state Statewide Connectivity and SW-ROW funding in FY 2024. (+\$196.0M; Total: \$196.0M)
 - List the TxDOT Houston District's NHHIP main lane reconstruction project for Segment 3C-3 (MPO ID 19026), which would be split out from MPO ID 16330, in FY 2027 of the 2045 Regional Transportation Plan. (Total Project Cost: \$250.0M)
 - Program the TxDOT Houston District's US 290 Truck Parking Lot construction project at FM 2920 (MPO ID 18917) with federal/state Preventative Maintenance and Rehabilitation funding in FY 2025. (+\$1.8M; Total: \$1.8M)
 - Program the TxDOT Houston District's US 290 6-lane widening project in Waller County (MPO ID 17233) with federal/state Metropolitan and Urban Area and Statewide Connectivity funding in FY 2025 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$83.2M; Total: \$83.2M)
 - Program the National Electric Vehicle Infrastructure (NEVI) Formula Program award for the installation of four direct current fast-charge ports on IH 69 South in the City of Sugar Land (MPO ID 19075) in FY 2024. (+\$1.1M; Total: \$1.1M)
 - Program the National Electric Vehicle Infrastructure (NEVI) Formula Program award for the installation of four direct current fast-charge ports on IH 10 East in the City of Winnie (MPO ID 19076) in FY 2024. (+\$1.2M; Total: \$1.2M)
 - Increase Congestion Mitigation/Air Quality (CMAQ) funding by \$17.9M to cover additional design elements and inflated costs of labor and materials on TxDOT Houston District's FY 2026 BW 8 Frontage Road Access Management project (MPO ID 18035). (+\$17.9M; Total: \$26.9M)
 - Modify the funding of the TxDOT Houston District's SH 36 4-lane widening project in Fort Bend County (MPO ID 263) in FY 2026 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$11.4M; Total: \$75.3M)
 - Modify the funding of the TxDOT Houston District's FM 2100 4-lane widening project in Harris County (MPO ID 290) in FY 2026 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$1.5M; Total: \$44.4M)
 - Modify the funding of the TxDOT Houston District's FM 646 4-lane widening project in Galveston County (MPO ID 514) in FY 2024 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$14.1M; Total: \$51.6M)

- Modify the funding of the TxDOT Houston District’s SH 105 4-lane widening project in Montgomery County (MPO ID 965) in FY 2026 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$12.4M; Total: \$125.3M)
- Modify the funding of the TxDOT Houston District’s SH 105 4-lane widening project in Montgomery County (MPO ID 7706) in FY 2025 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$13.4M; Total: \$53.8M)
- Modify the funding of the TxDOT Houston District’s FM 518 6-lane widening project in Brazoria County (MPO ID 10132) in FY 2026 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$7.6M; Total: \$61.3M)
- Modify the funding of the TxDOT Houston District’s FM 646 4-lane widening project in Galveston County (MPO ID 10144) in FY 2024 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$17.6M; Total: \$26.8M)
- Modify the funding of the TxDOT Houston District’s FM 646 4-lane widening project in Galveston County (MPO ID 10920) in FY 2024 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$3.5M; Total: \$36.8M)
- Modify the funding of the TxDOT Houston District’s SH 35 4-lane construction project in Brazoria County (MPO ID 18027) in FY 2026 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$0.0M; Total: \$39.4M)
- Modify the funding of the TxDOT Houston District’s US 90A 6-lane widening project in Fort Bend County (MPO ID 18029) in FY 2025 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$585K; Total: \$35.6M)
- Modify the funding of the TxDOT Houston District’s IH 610 direct connector construction project in Harris County (MPO ID 18048) in FY 2026 to reflect the approved TxDOT FY 2024 Unified Transportation Program (UTP). (+\$0K; Total: \$205.0M)
- Delay the City of Houston’s Surface Transportation Block Grant (STBG) funded Greens Road 4-lane widening (MPO ID 5030) from FY 2024 to FY 2025 to allow for coordination with the Regional Strategic Transportation Fund Program. (Total: \$16.0M)
- Delay TxDOT Houston District’s NHHIP interchange reconstruction project (MPO ID 16328) from FY 2024 to FY 2025 and update its project description with the segment name. (Total: \$909.6M)
- Delay TxDOT Houston District’s SH 249 8-lane widening project (MPO ID 17224) from FY 2025 to FY 2027 in the 2045 RTP at the sponsor’s request. (Total Project Cost: \$130.6M)
- Delay METRO’s CMAQ funded US 290 Cypress Park and Ride ramp construction project (MPO ID 17041) from FY 2024 to FY 2027 to allow for completion of design, agreements, and environmental clearance. (Total: \$909.6M)

- Delay the City of Bellaire’s CMAQ funded wireless communications installation project (MPO ID 18020) from FY 2025 to FY 2026 to allow time for consultant selection. (Total: \$867K)
- Delay the City of Galveston’s FTA Section 5307 funded transit operations project (MPO ID 18616) from FY 2023 to FY 2024 to conform with expenditure needs. (Total: \$2.6M)
- Advance TxDOT Houston District’s NHHIP Segment 3B drainage project (MPO ID 19007) from FY 2025 to FY 2024 to take advantage of its current readiness. (Total: \$226.7M)
- Add ROW acquisition as an authorized phase of work to the TxDOT Houston District’s FM 517 FY 2028 4-lane widening in Galveston County (MPO ID 38). (Total: \$108.9M)

ACTION REQUESTED

For Discussion and Possible Action. [No Action Requested]

**H-GAC 2023-2026 TIP and 2045 RTP
February 2024 Future Amendments**

Count	MPOID/CSJ	Sponsor/County	Project	Proj Type	Proposed Modifications				
					STIP?	Funding (M)		Scope	Schedule
						Fed/State	Local		
1	38 1002-02-016	TXDOT HOUSTON DISTRICT (GAL)	FM 517 (FM 646, BRAZORIA C/L) RECONSTRUCT AND WIDEN FROM 2 LANES TO 4 LANES	R	Yes	<input type="checkbox"/>		<input checked="" type="checkbox"/> Add ROW.	<input type="checkbox"/>
2	263 0188-01-016	TXDOT HOUSTON DISTRICT (FOR)	SH 36 (IH 69 S, FM 2218) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES DIVIDED	R	No	<input checked="" type="checkbox"/>	+ \$11.4	<input type="checkbox"/>	<input type="checkbox"/>
3	290 1062-02-011	TXDOT HOUSTON DISTRICT (HAR)	FM 2100 (SH 99, HUFFMAN-CLEV...) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES AND EXTEND DIVIDED ROADWAY	R	No	<input checked="" type="checkbox"/>	+ \$1.5	<input type="checkbox"/>	<input type="checkbox"/>
4	514 3049-01-022	TXDOT HOUSTON DISTRICT (GAL)	FM 646 (EDMUNDS WAY, FM 1266) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANES DIVIDED ROADWAY WITH RAISED MEDIAN AND RAILROAD OVERPASS	R	No	<input checked="" type="checkbox"/>	+ \$14.1	<input type="checkbox"/>	<input type="checkbox"/>
5	965 0338-02-032	TXDOT HOUSTON DISTRICT (MON)	SH 105 (GRIMES C/L, FM 149) RECONSTRUCT AND WIDEN FROM 2 TO 4-LANES DIVIDED	R	No	<input checked="" type="checkbox"/>	+ \$12.4	<input type="checkbox"/>	<input type="checkbox"/>
6	5030 0912-71-836	CITY OF HOUSTON (HAR)	GREENS RD (JFK BLVD, IH 69) RECONSTRUCT AND WIDEN FROM 2 LANE TO 4-LANES	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2024 to FY 2025.
7	7706 0338-07-019	TXDOT HOUSTON DISTRICT (MON)	SH 105 (SAN JACINTO ..., LIBERTY C/L) RECONSTRUCT AND WIDEN FROM 2 TO 4 LANE DIVIDED	R	No	<input checked="" type="checkbox"/>	+ \$13.4	<input type="checkbox"/>	<input type="checkbox"/>
8	10132 3416-01-012	TXDOT HOUSTON DISTRICT (BRA)	FM 518 (SH 288, FM 865) RECONSTRUCT AND WIDEN FROM 4 AND 6 LANES TO 6 LANES DIVIDED	R	No	<input checked="" type="checkbox"/>	+ \$7.6	<input type="checkbox"/>	<input type="checkbox"/>
9	10144 0978-02-053	TXDOT HOUSTON DISTRICT (GAL)	FM 646 (FM 3436, SH 146) WIDEN FROM 2 LANE TO 4 LANE DIVIDED	R	No	<input checked="" type="checkbox"/>	+ \$17.6	<input type="checkbox"/>	<input type="checkbox"/>
10	10920 3049-01-023	TXDOT HOUSTON DISTRICT (GAL)	FM 646 (FM 1266, FM 3436) WIDEN FROM 2 LANE TO 4 LANE DIVIDED	R	No	<input checked="" type="checkbox"/>	+ \$3.5	<input type="checkbox"/>	<input type="checkbox"/>
11	16328 0500-03-599	TXDOT HOUSTON DISTRICT (HAR)	IH 45 N (AT IH 10,) RECONSTRUCT IH45/IH10 INTERCHANGE. IH10 REALIGN/WIDEN FROM 6 TO 8 MAINLANES (ML) FROM WEST OF HOUSTON STREET TO WEST OF MAIN STREET; CONSTRUCT 4 IH10 EXPRESS LANES FROM WEST OF HOUSTON STREET TO WEST OF MAIN STREET; IH45 REALIGN FROM 6 TO 6 ML INCLUDING 3	R	No	<input type="checkbox"/>		<input checked="" type="checkbox"/> Minor description.	<input checked="" type="checkbox"/> FY 2024 to FY 2025.

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					STIP?	Funding (M)		Scope	Schedule	
						Fed/State	Local			
12	16330 0500-08-001	TXDOT HOUSTON DISTRICT (HAR)	IH 45 (AT IH 69/IH ...,) RECONSTRUCT IH45/IH10/IH69 INTERCHANGES. IH10 REALIGN/RECONSTRUCT 8 MAINLANES (ML) FROM ELYSIAN ST. TO E. OF GREGG ST.; CONSTRUCT 4 IH10 EXPRESS LANES FROM ELYSIAN ST. TO E. OF GREGG ST.; REALIGN/WIDEN IH45 FROM 6 TO 7 ML INCLUDING 3 LANES EB AND 4 WB LAN	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	FY 2024 to FY 2028.
13	17041 0050-06-093	METRO (HAR)	US 290 (AT CYPRESS P...,) CONSTRUCT RAMP PROVIDING ACCESS TO THE US 290 HOV/HOT FACILITY	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	FY 2024 to FY 2027.
14	17224 0720-03-131	TXDOT HOUSTON DISTRICT (HAR)	SH 249 (SL 8, IH 45 N) RECONSTRUCT AND WIDEN FROM 6 TO 8 LANES DIVIDED	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	FY 2025 to FY 2027.
15	17233 0114-11-077	TXDOT HOUSTON DISTRICT (WAL)	US 290 (SH 6, HARRIS C/L (...) WIDEN FROM 4 LANES TO 6 LANES	R	Yes	<input checked="" type="checkbox"/>		Add to TIP.	<input checked="" type="checkbox"/>	Add to TIP.
16	18020 0912-72-597	CITY OF BELLAIRE (HAR)	BELLAIRE BLVD; BISSONNET ST; S RICE AVE; NEWCASTLE ST (CHIMNEY ROCK..., FOURNACE PLA...) Installation of wireless communications technology (5G or similar), closed-circuit (CCTV) cameras, dynamic message signs and loop detector sensors	O	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	FY 2025 to FY 2026.
17	18027 0178-02-092	TXDOT HOUSTON DISTRICT (BRA)	SH 35 (BS 35 C N (N..., STEELE RD) CONSTRUCT 4 NEW MAINLANES WITH OVERPASSES AT WHEELER DRIVE AND AT FM 528 AND RECONSTRUCT EXISTING FRONTAGE ROADS	R	No	<input checked="" type="checkbox"/>	-0-	<input type="checkbox"/>	<input type="checkbox"/>	
18	18029 0027-08-147	TXDOT HOUSTON DISTRICT (FOR)	US 90A (FM 359, SH 99) RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES DIVIDED (PHASE 2 OF 3)	R	No	<input checked="" type="checkbox"/>	+\$0.6	<input type="checkbox"/>	<input type="checkbox"/>	
19	18035 3256-01-127	TXDOT HOUSTON DISTRICT (HAR)	SL 8 (IH 10 W, IH 69 S) MULTIPLE SIGNAL TIMING OPTIMIZATIONS, MULTIPLE INTERSECTION IMPROVEMENTS, AND MULTIPLE TURN LANE EXTENSION IMPROVEMENTS ALONG THE FRONTAGE ROAD ALONG BELTWAY 8 BETWEEN IH 10 W AND IH 69 S.	R	No	<input checked="" type="checkbox"/>	+\$17.9	<input type="checkbox"/>	<input type="checkbox"/>	
20	18048 0271-16-111	TXDOT HOUSTON DISTRICT (HAR)	IH 610 (AT SH 35,) CONSTRUCT 4 DIRECT CONNECTORS (SB-EB; SB-WB; WB-NB; EB-NB) (SH 35 SEGMENT C) (DC RAMPS ON THE NORTH SIDE OF IH 610 S)	R	No	<input checked="" type="checkbox"/>	-0-	<input type="checkbox"/>	<input type="checkbox"/>	

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						Fed/State	Local		
21	18616 NA	CITY OF GALVESTON (GAL)	CITY OF GALVESTON (VA, VA) TRANSIT CAPITAL, OPERATING, PLANNING AND ADMINISTRATION: FY 2023	T	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2023 to FY 2024.
22	18917 0114-12-017	TXDOT HOUSTON DISTRICT (HAR)	US 290 (AT FM 2920,) Construct Truck Parking Lot	O	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
23	18976 0500-03-616	TXDOT HOUSTON DISTRICT (HAR)	IH 45 N (AT IH 10,) ADVANCED ROW ACQUISITION FOR NHHIP SEG-3C-1	R	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
24	18977 0500-08-002	TXDOT HOUSTON DISTRICT (HAR)	IH 45 N (AT IH 69/IH ...,) ADVANCED ROW ACQUISITION FOR NHHIP SEG-3C-2	R	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
25	18985 0523-07-003	TXDOT HOUSTON DISTRICT (MON)	FM 1488 (BF 1488-P, SH 249 AT FM...) ADVANCED ROW ACQUISITION FOR CONSTRUCTION OF 4 LANE ROADWAY ON NEW LOCATION (MAGNOLIA BYPASS)	R	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
26	19007 0177-11-161	TXDOT HOUSTON DISTRICT (HAR)	IH 69 (IH 69/ST EMA..., IH 45) INSTALL PUMP STATION OUTFALL, STORM SEWER, AND CONSTRUCT NEW DETENTION POND (NHHIP SEG 3B)	R	No	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/> FY 2025 to FY 2024.
27	19023 0271-04-093	TXDOT HOUSTON DISTRICT (WAL)	IH 10 W (FM 359, Fort Bend C/...) CONSTRUCT 2 TWO LANE (EASTBOUND AND WESTBOUND) FRONTAGE ROADS ON NEW LOCATION	R	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
28	19024 0271-05-052	TXDOT HOUSTON DISTRICT (FOR)	IH 10 W (Waller C/I, Cane Island ...) CONSTRUCT 2 TWO LANE (EASTBOUND AND WESTBOUND) FRONTAGE ROADS ON NEW LOCATION.	R	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
29	19025 0508-01-396	TXDOT HOUSTON DISTRICT (HAR)	IH 10 (E OF GREGG S..., E OF WACO ST) RECONSTRUCT 8 MAINLANES (ML) FROM E. OF GREGG ST. TO E. OF WACO ST.; CONSTRUCT 3 IH10 EXPRESS LANES (2 WB, 1 EB) FROM E. OF GREGG ST. TO W. OF WACO ST. (NHHIP SEG-3C-1)	R	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.
30	19026 0508-01-397	TXDOT HOUSTON DISTRICT (HAR)	IH 10 (W OF WHITE O..., W OF MCKEE S...) IH10 REALIGN/RECONSTRUCT 8 MAINLANES (ML) FROM W. OF WHITE OAK BAYOU TO W. OF MCKEE ST.; CONSTRUCT 4 IH10 EXPRESS LANES FROM W. OF WHITE OAK BAYOU TO W. OF MCKEE ST.; REALIGN/WIDEN IH45 FROM 6 TO 7 ML INCLUDING 3 LANES EB AND 4 WB (NHHIP SEG 3C-3)	R	No	<input checked="" type="checkbox"/>	Add to RTP.	<input checked="" type="checkbox"/> Add to RTP.	<input checked="" type="checkbox"/> Add to RTP.
31	19075 5000-00-191	TXDOT HOUSTON DISTRICT (FOR)	IH 69 S (AT 15145 Sou...,) Install 4 Direct Current Fast Charge ports within one mile of the Electric Alternative Fuel Corridors (IH 69).	O	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.	<input checked="" type="checkbox"/> Add to TIP.

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					STIP?	Funding (M)		Scope	Schedule		
						Fed/State	Local				
32	19076 5000-00-192	TXDOT BEAUMONT DISTRICT (CHA)	IH 10 E (AT FM 1663,) Install 4 Direct Current Fast Charge ports within one mile of the Electric Alternative Fuel Corridors (IH 10).	O	Yes	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/>	Add to TIP.	<input checked="" type="checkbox"/>	Add to TIP.