

**REQUESTED AMENDMENTS TO THE 2045 REGIONAL TRANSPORTATION PLAN
AND THE AIR QUALITY CONFORMITY DETERMINATION**

Background

At the March 2021 Transportation Advisory Committee (TAC) meeting staff presented the proposed amendments to the 2045 RTP and draft air quality conformity determination. Proposed amendments and the draft conformity determination document can be viewed at <http://www.2045rtp.com/>

The public involvement process for the requested amendments was conducted in two phases. First public comment period was opened in December 2020 with virtual public meetings held on December 3, 2020. The second public comment period was open between March 26, 2021 and April 28, 2021. Out of a total 141 comments submitted in both public comment periods 34 were duplicates and 107 were individual comments.

All significant comments referring specific projects were submitted on the 8 corridors of projects listed in Table 1 below.

Table 1. Corridors that received significant public comments

Projects	# Comments
Highway 36 A	25
IH 10 W Managed lanes	17
NHHIP segment -3 Interchange reconstruction and widening	14
Hempstead Highway Managed lanes	10
IH 610 W Express lanes	6
SH 35 Freeway	6
IH 10 E Bridge replacement and widening	4
SH 99 Segments E & F2 Widening	2

One comment was submitted on SH 6 (2 MPOIDs) and no comments were submitted on IH 610 E bridge replacement at Ship Channel, reconstruction of IH 610 S (2 MPOIDs), and SH 288 (4 MPOIDs) upgrade to freeway facility and widening projects. A total of 31 comments were submitted that were categorized as general, other, planning process or air quality comments.

As part of the public comments, H-GAC received letters from various agencies and organizations including the City of Houston, Link Houston, City of Pearland, Air Alliance Houston, Highway 36A Coalition and Metropolitan Transit Authority of Harris County. Copies of the letters can be viewed on the [public comments page](#).

Along with the additions of regionally significant projects to the 2045 RTP amendment requests included minor changes on projects already listed in the 2045 RTP. At the May 2021 meeting

Transportation Policy Council passed Resolution 2021-17 to approve minor changes to the 2045 RTP projects list presented in Attachment A-Agenda Item 09 Of May 2021 TPC meeting packet.

Current Situation

7A. Responses to and disposition of public comments

All the public comments on specific project were forwarded to the project sponsors to prepare responses. Please see the responses to the public comments responses to the comments at <http://www.2045rtp.com/>.

Public comments also included METRO requested various amendments to regionally significant transit projects. A list of these amendments are presented in Attachment A. Most of these amendments can be categorized as RTP Amendment level 1. These amendments are being presented as a preview this month with an anticipated action in July 2021.

Action Requested

Information only.

7B. Approval of requested amendments to 19 projects (MPOIDs listed in Attachment B) to the 2045 RTP

Staff reviewed the requested amendments with following goals.

- Ensure that the requested amendment is consistent with and approving the amendment will not substantially alter the vision established in 2045 RTP.
- Approval of major new projects to the 2045 RTP is not automatic.

To achieve these goals all requested amendments were evaluated with following criteria:

- MPO Urgency: If there is any urgency to approve the amendment to keep the project implementation on schedule.
- Recent MPO Study or Plan: If the requested amendment was recommended in any recent local, subregional, or regional study or plan.
- Jurisdiction Support/Request: If the requested amendment has the support from local jurisdictions where the project is located or is crossing a jurisdictional boundary.
- Previous Reviews and Evaluations: If the requested amendment was reviewed and evaluated to program in 10-Year plan or TIP or to include it in the RTP.

Agenda Item - 07
TAC Meeting Packet – 06/16/21

- If it was previously considered and included in the RTP or was not programmed in the TIP or 10-Year Plan, investigate why it was not included if the issues that were raised previously were resolved.
- RTP Consistency: If the requested amendment is consistent with the current RTP.
- Environmental Justice or Environmental Impact Risks: If the requested amendment will have an adverse impact on Environment or Environmental Justice population groups.

After evaluating requested amendments with above criteria and reviewing the public comments responses staff recommends following actions:

- Approval of requested amendments on 19 MPOIDs presented in Table 2 below.

Table 2. List of requested amendments for TPC approval

Facility	MPOIDs	Description	Request	Staff Recommendation	Estimated Total Project Cost (in Millions)
SH288	18713; 18714; 18715; 18716	Widen Freeway; Widen Bridge	ADD	Approve	\$497.5
SH35	18728	Widening (Brazoria)	ADD	Approve	\$129
I-10E	18707	Bridge Replacement	ADD	Approve	\$492
I-610E	18710	Bridge Replacement	ADD	Approve	\$2,400
I-610S	18711, 18712	Reconstruct Freeway, incl TSM	ADD	Approve	\$532.7
SL 8	18727	Reconstruction and widening	ADD	Approve	\$10.5
SH 6	18721; 18722	Intersection Improvements and corridor study	ADD	Approve	\$9.8
SH99; Seg E	18724; 18725	Seg E; Widen	ADD	Approve	\$195
SH99; Seg F-2	18723; 18726	Seg F-2; Widen	ADD	Approve	\$125
Highway 36A S	18719	Construct 4-lane Divided Highway	ADD	Approve	\$1,000
Highway 36A N*	18720	Construct 4-lane Divided Highway	ADD	Approve Amendment with condition	\$1,400
I-45/I-10W**	16328	Reconstruct Interchange (move 2030 to 2024)	AMEND	Approve Amendment with condition	\$1,060
Total					\$7,851

Notes:

*Approve amendment with a condition that TxDOT will study all possible alternative routes for Highway

Agenda Item - 07
TAC Meeting Packet – 06/16/21

36A project within the boundaries shown in the Highway 36 A Study area map and select an alternative route that avoids adverse impacts to the land owned or controlled by Katy Prairie Conservancy consistent with the Transportation Policy Council Resolution 2014-01.

**Approve amendment with a condition that TxDOT will not proceed with construction until existing FHWA Title VI complaint review is complete and resolved.

Action Requested

Recommendation to the TPC approval of requested amendments of 19 projects listed in Attachment B to the 2045 RTP.

7C. Staff recommendations on requested amendments to the 2045 RTP

Item 7C will be provided by the TAC meeting on 06/16/21.

ATTACHMENT A - REQUESTED TRANSIT AMENDMENTS TO THE 2045 REGIONAL TRANSPORTATION PLAN

New projects added to draft 2045 RTP amendment					Project information being amended in 2045 RTP									
MPOID	CSJ#	COUNTY	SPONSOR	FACILITY	FROM	TO	DESCRIPTION	LENGTH (mi)	MAIN LANES	FRONTAGE LANES	FISCAL YEAR	ANALYSIS YEAR	TOTAL PROJECT COST (M, YOE)	HGAC Comment
11482		HARRIS	METRO	NORTHWEST TRANSIT CENTER	IH 610		ADVANCED HIGH CAPACITY TRANSIT IH 610/NORTHWEST TRANSIT CENTER RAMP PROVISIONS	0.00	(0,0)	(0,0)	2021	2030	\$1.00	Potential TPC action to amend in July 2021
15549		HARRIS	METRO	NORTHLINE TRANSIT CENTER			NORTHLINE TRANSIT CENTER: FY 2021		(0,0)	(0,0)	2021	2030 EXEMPT	29.4 \$41.98	Potential TPC action to amend in July 2021
16240		HARRIS	METRO	BUFFALO BAYOU DAY LOT	AT 810 SAN JACINTO ST N		BUFFALO BAYOU DAY LOT: FY 2022	0.00	(0,0)	(0,0)	2022	EXEMPT	\$4.15	Potential TPC action to amend in July 2021
18150		HARRIS	METRO	DOWNTOWN HOUSTON TRANSIT CORRIDORS	VA	VA	IMPROVE SIGNAGE AND PAVEMENT MARKINGS (E.G. RED BUS ONLY LANE DESIGNATIONS), SIGNAL TIMING AND OPERATIONS, OPTIMIZE BUS STOP DESIGN AND SPACING AND ENHANCE PASSENGER INFORMATION ON 'BUS-ONLY' LANES. LOUISIANA STREET (NB)/SMITH STREET (SB) CORRIDOR FROM SPUR 527 TO FRANKLIN STREET; TRAVIS STREET (NB)/ MILAM STREET (SB) FROM SPUR 527 TO COMMERCE STREET; AND SAN JACINTO STREET (NB)/ FANNIN STREET (SB) FROM MCGOWAN STREET TO FRANKLIN STREET	10.50	(0,0)	(0,0)	2035 2030	EXEMPT	51.97 \$34.97	Potential TPC action to amend in July 2021
18151		HARRIS	METRO	WESTHEIMER SIGNATURE BUS SERVICE	DOWNTOWN HOUSTON	WEST OAKS MALL	RAPID SERVICE FROM HAYES ROAD TO EDLOE STREET AND EXPRESS SERVICE ON IH 69 BETWEEN EDLOE STREET AND DOWNTOWN HOUSTON.		(0,0)	(0,0)	2024 2031	EXEMPT	148.55 \$131.61	Potential TPC action to amend in July 2021
18160		HARRIS	METRO	UPTOWN BRT	BELLAIRE/UPTOWN N TRANSIT CENTER	GULFTON TRANSIT CENTER	SOUTHERN EXTENSION OF UPTOWN BRT FROM BELLAIRE/UPTOWN TRANSIT CENTER TO GULFTON TRANSIT CENTER; INCLUDES 3 STATIONS	5.20	(0,0)	(0,0)	2030 2028	2040 2030	180.79 \$169.34	Potential TPC action to amend in July 2021
18161		HARRIS	METRO	UPTOWN BRT	NORTHWEST TRANSIT CENTER	NORTHWEST MALL	EXTENSION OF UPTOWN BRT FROM NORTHWEST TRANSIT CENTER TO NORTHWEST MALL/PROPOSED TEXAS CENTRAL HSR TERMINAL; INCLUDES TWO STATIONS	1.30	(0,0)	(0,0)	2030 2023	2045 2030	\$106.15	Potential TPC action to amend in July 2021
18162		HARRIS	METRO	GREEN & PURPLE METRO LINES	THEATER DISTRICT	MUNICIPAL COURTHOUSE	EXTENSION OF GREEN AND PURPLE LRT LINES	0.10	(0,0)	(0,0)	2024	2040 2030	23.8 \$31.58	Potential TPC action to amend in July 2021
18164		HARRIS	METRO	Bellaire Gulfton-TC	At 1500 Bellaire Blvd		CONSTRUCT NEW TRANSIT CENTER at Bellaire Blvd and Chimney Rock		(0,0)	(0,0)	2030 2028	EXEMPT	24.0 \$52.34	Potential TPC action to amend in July 2021
18167		FORT BEND	METRO	SH 6	NEAR FORT BEND PARKWAY		CONSTRUCT PARK AND RIDE ALONG SH 6 NEAR FORT BEND PARKWAY IN SIENNA PLANTATION; REPLACES EXISTING LEASED SPACES IN KROGER PARKING LOT	0.01	(0,0)	(0,0)	2024	EXEMPT	\$42.37	Potential TPC action to amend in July 2021
18172		HARRIS	HIGH-CAPACITY TASK-FORCE	METRO SERVICE AREA	VA	VA	ENHANCEMENTS INCLUDE ADA-COMPLIANT SIDEWALK ADJUSTMENTS, CROSSWALK TREATMENTS, BENCH, SHELTER, SIGNAGE, BIKE RACK, LIGHTING AND LANDSCAPING. LOCATED WHERE SIGNIFICANT AMOUNT OF TRANSFER ACTIVITY IS LIKELY TO OCCUR BUT WHERE A FULL SIZED TRANSIT CENTER IS NOT WARRANTED, E.G. INTERSECTIONS OF HIGH VOLUME BUS ROUTES, ANCHORS FOR FLEX ZONES, ETC.		(0,0)	(0,0)	2040	2045 EXEMPT	\$5.92	Potential TPC action to amend in July 2021
18173		HARRIS	METRO	NORTHLINE TRANSIT CENTER NORTH LRT - (RED LINE)	NORTHLINE TRANSIT CENTER	N SHEPHERD PARK AND RIDE	EXTENSION OF RED/NORTH LRT LINE FROM NORTHLINE TRANSIT CENTER TO N. SHEPHERD PARK AND RIDE; INCLUDES 5 STATIONS	5.90	(0,0)	(0,0)	2040	2045	1561.4 \$1,097.88	Potential TPC action to amend in July 2021
18174		HARRIS	METRO	MLK/Griggs Rd Southeast LRT (Purple Line) Green/Purple Line LRT EXTENSION TO HOBBY AIRPORT	MLK/Griggs Rd	Hobby Airport	Extension of Green/Purple/SE LRT line from MLK/Griggs to Hobby Airport via MLK and East Bellfort; includes 9 stations	7.40	(0,0)	(0,0)	2040	2045	2143.4 \$2,678.36	Potential TPC action to amend in July 2021
18175		HARRIS	METRO	MAGNOLIA PARK TRANSIT CENTER EAST LRT (GREEN LINE)	MAGNOLIA-PARK TRANSIT CENTER	HARRISBURG AND BROADWAY	EXTENSION OF GREEN/EAST LRT LINE FROM MAGNOLIA PARK TRANSIT CENTER TO HOBBY AIRPORT VIA HARRISBURG AND BROADWAY; INCLUDES 9 STATIONS	6.40	(0,0)	(0,0)	2040	2045	\$2,189.00	Potential TPC action to amend in July 2021
18176		HARRIS	METRO	UNIVERSITY LINE CORRIDOR	WESTCHASE PARK AND RIDE	TIDWELL TRANSIT CENTER	New BRT busway from Westchase park and ride to Tidwell TC via Westpark, Richmond, Alaba, Elgin and Lockwood; includes 41 stations	25.30	(0,0)	(0,0)	2040 2025	2045 2030	1556 \$2,134.97	Potential TPC action to amend in July 2021
18177		HARRIS	METRO	Gessner West Houston Corridor (BW 8)	MISSOURI CITY PARK AND RIDE	Willowbrook Mall W Little York Park and Ride	NEW BRT BUSWAY FROM BW 8/US 90A/MISSOURI CITY PARK AND RIDE TO WILLOWBROOK MALL VIA GESSNER; INCLUDES 40 STATIONS	26.00	(0,0)	(0,0)	2040	2045	2885 \$1,737.56	Potential TPC action to amend in July 2021
18178		HARRIS	METRO	CS	DOWNTOWN HOUSTON	BUSH IAH	NEW BRT SERVICE FROM DOWNTOWN TO BUSH INTERCONTINENTAL AIRPORT; INCLUDES 4 STATIONS	22.00	(0,0)	(0,0)	2040 2027	2045 2030	588.75 \$358.22	Potential TPC action to amend in July 2021
18182		HARRIS	HCTIF METRO	SH 249	BOUDREAUX DR	HOLLISTER DR	CONSTRUCT NEW TWO-WAY, ALL-DAY HOV FACILITY	10.20	(6,8)	(4,4)	2040 2027	2045 2030	277.99 \$301.97	Potential TPC action to amend in July 2021

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New projects added to draft 2045 RTP amendment					Project information being amended in 2045 RTP									
MPOID	CSJ#	COUNTY	SPONSOR	FACILITY	FROM	TO	DESCRIPTION	LENGTH (mi)	MAIN LANES	FRONTAGE LANES	FISCAL YEAR	ANALYSIS YEAR	TOTAL PROJECT COST (M, YO)	HGAC Comment
18184		HARRIS	METRO	IH 10 W	WESTGREEN	FM 359	EXTENSION OF 2-LANE HOV FACILITY	12.40	(6,8)	(4,4)	2040 2033	2045	337.95 \$775.41	Potential TPC action to amend in July 2021
18186		HARRIS	HIGH CAPACITY-TASK FORCE METRO	IH 45	DOWNTOWN	NASA 1 BYPASS	CONVERSION OF EXISTING 1-LANE REVERSIBLE HOV LANE TO 2- LANES (ONE LANE IN EACH DIRECTION) HOV FACILITY	20.70	(8,9)	(6,6)	2040 2028	2045 2030	\$122.47	Potential TPC action to amend in July 2021
18187		HARRIS	HIGH CAPACITY-TASK FORCE METRO	IH 69 N	DOWNTOWN	Townsen park and ride Kingwood Dr	CONVERSION OF EXISTING ONE-WAY REVERSIBLE HOV LANE ON IH 69 EASTEX FROM DOWNTOWN TO KINGWOOD P&R TO TWO-WAY, ALL-DAY FACILITY	19.60	(0,0)	(0,0)	2040 2028	2045 2030	\$116.13	Potential TPC action to amend in July 2021
18191		HARRIS	HIGH CAPACITY-TASK FORCE METRO	SPENCER HWY	VA	VA	BUS PRIORITY TREATMENTS, BUS STOP OPTIMIZATION, AND-FREQUENT SERVICE ALONG AIRPORT/COLLEGE/SPENCER BETWEEN-HOBBY AIRPORT AND SAN JACINTO COLLEGE CENTRAL IN LAPORTE	0.01	(0,0)	(0,0)	2040	EXEMPT	\$5.51	Potential TPC action to amend in July 2021
18192		FORT BEND	METRO	MISSOURI CITY PARK AND RIDE	US 90 A	BW 8	REPLACES EXISTING MISSOURI CITY PARK AND RIDE WITH NEW FACILITY CLOSER TO INTERSECTION OF US 90A AND BELTWAY 8 CONSTRUCT NEW PARK AND RIDE IN THE VICINITY OF US 90A AND BW 8	0.01	(0,0)	(0,0)	2040 2023	2045 Exempt	52.13 \$39.69	Potential TPC action to amend in July 2021
18198		HARRIS	METRO	SPRINGWOODS PARK AND RIDE	NEAR SPRINGWOODS VILLAGE PKWY		NEW PARK AND RIDE IN VICINTY OF IH-45 N AND SPRINGWOODS VILLAGE PKWY	0.00	(0,0)	(0,0)	2040 2039	2040 EXEMPT	52.13 \$82.95	Potential TPC action to amend in July 2021
18199		FORT BEND	METRO	KATY FORT BEND RD	NEAR KINGSLAND BLVD		NEW PARK AND RIDE IN VICINITY OF KATY FORT BEND RD AND KINGSLAND BLVD	0.00	(0,0)	(0,0)	2040 2035	EXEMPT	52.13 \$70.90	Potential TPC action to amend in July 2021
18200		HARRIS	METRO	LOUETTA PARK AND RIDE	AT LOUETTA RD		CONSTRUCT PARK AND RIDE FACILITY	0.00	(0,0)	(0,0)	2040 2027	2045 EXEMPT	52.13 \$51.81	Potential TPC action to amend in July 2021
18201		HARRIS	METRO	SH 249	AT BOUDREAUX RD		CONSTRUCT PARK AND RIDE FACILITY	0.00	(0,0)	(0,0)	2040 2027	2045 EXEMPT	52.13 \$51.81	Potential TPC action to amend in July 2021
18209		FORT BEND HARRIS	HIGH CAPACITY-TASK FORCE METRO	ROSENBERG PARK AND RIDE			NEW PARK AND RIDE IN DOWNTOWN ROSENBERG	0.00	(0,0)	(0,0)	2040	EXEMPT	\$26.07	Potential TPC action to amend in July 2021
18213		HARRIS	METRO	MEMORIAL CITY TRANSIT CENTER	GESSNER		NEW TRANSIT CENTER IN VICINITY OF GESSNER AND IH-10 WEST	0.00	(0,0)	(0,0)	2040 2033	2045 EXEMPT	\$35.55	Potential TPC action to amend in July 2021
18214		HARRIS	METRO	(SH 249)	At FM 1960		Construct Willowbrook transit center at SH 249 and FM 1960	0.00	(0,0)	(0,0)	2040 2027	2045 EXEMPT	\$35.55	Potential TPC action to amend in July 2021
18186		HARRIS	HIGH CAPACITY-TASK FORCE METRO	IH 45	DOWNTOWN	NASA 1 BYPASS Bay Area BLVD	CONVERSION OF EXISTING 1-LANE REVERSIBLE HOV LANE TO 2- LANES (ONE LANE IN EACH DIRECTION) HOV FACILITY	20.70	(8,9)	(6,6)	2040 2025	2045 2030	\$122.47	Potential TPC action to amend in July 2021
18187		HARRIS	HIGH CAPACITY-TASK FORCE METRO	IH 69 N	DOWNTOWN	TOWSEN PARK AND RIDE Kingwood Dr	CONVERSION OF EXISTING ONE-WAY REVERSIBLE HOV LANE IN IH- 69 EASTEX FROM DOWNTOWN TO TOWNSEN P&R TO TWO-WAY, ALL-DAY FACILITY	19.60	(0,0)	(0,0)	2040 2025	2045 2030	\$116.13	Potential TPC action to amend in July 2021
18188		MULTIPLE	HIGH CAPACITY-TASK FORCE METRO	IH 69 S	SP 527	BW 8 West Belfort Blvd	CONVERSION OF EXISTING 1-LANE REVERSIBLE HOV LANE TO 2- LANES (ONE LANE IN EACH DIRECTION) HOV FACILITY	14.00	(11,12)	(6,6)	2025	2030	\$89.95	Potential TPC action to amend in July 2021
18800		Harris	METRO	Southwest Corridor (US 90A)	TMC	Missouri City (BW 8 and SH 6)	Transit corridor with multiple transit hubs	0.001	(0,0)	(0,0)	2045	2045	\$365.00	Potential TPC action to add to 2045 RTP in July 2021
18801		Harris/FB	METRO	Red Line	Fannin South transit center	Missouri City	Red Line LRT extention (planning phase)	0.001	(0,0)	(0,0)	2045	2045	\$18.00	Potential TPC action to add to 2045 RTP in July 2021
18802		Harris	METRO	Green Line	At Park Place Blvd and IH 45 S		Construct new Park Place multimodal transit center and park and ride	0.001	(0,0)	(0,0)	2038	Exempt	\$66.00	Potential TPC action to add to 2045 RTP in July 2021
18803		Harris	METRO	University Corridor	At Tidwell		Construct Wheeler multimodal TC	0.001	(0,0)	(0,0)	2033	Exempt	\$52.00	Potential TPC action to add to 2045 RTP in July 2021
18804		Harris	METRO	Maxey Rd	In vicinity of US 90		Construct new park and ride between US 90 and IH 10 E	0.001	(0,0)	(0,0)	2040	Exempt	\$41.00	Potential TPC action to add to 2045 RTP in July 2021

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New projects added to draft 2045 RTP amendment					Project information being amended in 2045 RTP									
MPOID	CSJ#	COUNTY	SPONSOR	FACILITY	FROM	TO	DESCRIPTION	LENGTH (mi)	MAIN LANES	FRONTAGE LANES	FISCAL YEAR	ANALYSIS YEAR	TOTAL PROJECT COST (M, YOY)	HGAC Comment
18805		Harris	METRO	Kingwood Dr.	At US 59N		Construct new park and ride; part of IH 69/US 59 S off-peak HOV/diamond lanes	0.001	(0,0)	(0,0)	2040	Exempt	\$63.00	Potential TPC action to add to 2045 RTP in July 2021
18806			METRO	US 290	At Fairfield Place Dr.		Construct new Fairfield park and ride	0.001	(0,0)	(0,0)	2041	Exempt	\$58.00	Potential TPC action to add to 2045 RTP in July 2021
18807		Harris/FB	METRO	METRO Service Area	VA	VA	Park & Ride service enhancements/FLM improvements for reverse commute	0.001	(0,0)	(0,0)	2025	Exempt	\$20.00	Potential TPC action to add to 2045 RTP in July 2021
18808		Harris	METRO	Bellaire Blvd.	TMC Transit Center	Palm Center Transit Center	BOOST - Bellaire/Palm Center Quickline Extension	0.001	(0,0)	(0,0)	2027	Exempt	\$3.09	Potential TPC action to add to 2045 RTP in July 2021
18809		Harris	METRO	TMC			TMC transit improvements and service integration	0.001	(0,0)	(0,0)	2040	Exempt	\$30.00	Potential TPC action to add to 2045 RTP in July 2021
18810		Harris	METRO	Scott			BOOST improvements	0.001	(0,0)	(0,0)	2022	Exempt	\$25.00	Potential TPC action to add to 2045 RTP in July 2021
18811		Harris	METRO	Airline/Montrose			BOOST improvements	0.001	(0,0)	(0,0)	2022	Exempt	\$26.00	Potential TPC action to add to 2045 RTP in July 2021
18812		Harris	METRO	Westheimer	Downtown	SH 6	BOOST improvements	0.001	(0,0)	(0,0)	2022	Exempt	\$44.00	Potential TPC action to add to 2045 RTP in July 2021
18813		Harris	METRO	BOOST Corridors	VA	VA	BOOST improvements	0.001	(0,0)	(0,0)	2024	Exempt	\$50.00	Potential TPC action to add to 2045 RTP in July 2021
18814		Harris	METRO	BOOST Corridors	VA	VA	BOOST improvements - Bus priority treatments, bus stop optimization, and frequent service along multiple arterials	0.001	(0,0)	(0,0)	2040	Exempt	\$103.00	Potential TPC action to add to 2045 RTP in July 2021
18815		Harris	METRO	Westheimer	At West Oaks Mall		Construct transit center	0.001	(0,0)	(0,0)	2022	Exempt	\$5.00	Potential TPC action to add to 2045 RTP in July 2021

Table 1

ATTACHMENT B - REQUESTED AMENDMENTS TO THE 2045 REGIONAL TRANSPORTATION PLAN

New projects added to draft 2045 RTP amendment					Project information being amended in 2045 RTP									
MPOID	CSJ#	COUNTY	SPONSOR	FACILITY	FROM	TO	DESCRIPTION	LENGTH (mi)	MAIN LANES	FRONTAGE LANES	FISCAL YEAR	ANALYSIS YEAR	TOTAL PROJECT COST (M, YOY)	HGAC RECOMMENDATION
18713	0598-02-127	BRAZORIA	TXDOT HOUSTON DISTRICT	SH 288	SH 99 (CR 60)	FM 1462	UPGRADE ROADWAY TO FREEWAY FACILITY BY ADDING OVERPASSES AND UNDERPASSES	2.00	(4,4)	(0,0)	2032	2040	\$40.00	Approve requested Addition to 2045 RTP
18714	0598-04-061	BRAZORIA	TXDOT HOUSTON DISTRICT	SH 288	FM 1462	SH 35	WIDEN FROM 4 TO 6 LANES	13.40	(4,6)	(0,0)	2032	2040	\$270.00	Approve requested Addition to 2045 RTP
18715	0598-04-029	BRAZORIA	TXDOT HOUSTON DISTRICT	SH 288	SH 35	SH 332	WIDEN FROM 4 TO 6 LANES	8.10	(4,6)	(0,0)	2032	2040	\$175.00	Approve requested Addition to 2045 RTP
18716	0598-02-125	BRAZORIA	TXDOT HOUSTON DISTRICT	SH 288	AT CR 56		WIDEN CR 56 BRIDGE FROM 2 TO 4 LANES	0.50	(2,4)	(0,0)	2026	NRS	\$12.50	Approve requested Addition to 2045 RTP
18728	0178-02-081	BRAZORIA	TXDOT HOUSTON DISTRICT	SH 35	FM 518	S OF SH 6	WIDEN FROM 4 TO 6 LANE DIVIDED	10.80	(4,6)	(0,0)	2032	2040	\$129.00	Approve requested Addition to 2045 RTP
18707	0508-01-379	HARRIS	TXDOT HOUSTON DISTRICT	IH 10 E	AT SAN JACINTO RIVER		RECONSTRUCT AND WIDEN FROM 6 TO 10 MAIN LANES AND CONSTRUCT 4 NEW NON-TOLLED MANAGED LANES	1.00	(6,14)	(0,0)	2026	2030	\$492.00	Approve requested Addition to 2045 RTP
18710	0271-15-096	HARRIS	TXDOT HOUSTON DISTRICT	IH 610 E	AT SHIP CHANNEL (BUFFALO BAYOU)		RECONSTRUCT AND RAISE SHIP CHANNEL BRIDGE	1.00	(8,8)	(0,0)	2026	EXEMPT	\$2,400.00	Approve requested Addition to 2045 RTP
18711	0271-16-158	HARRIS	TXDOT HOUSTON DISTRICT	IH 610 S	SH 35 (SS 5/MYKAWA RD)	IH 45	RECONSTRUCT FREEWAY INCLUDING TSM IMPROVEMENTS	2.30	(8,8)	(0,0)	2027	EREA	\$223.34	Approve requested Addition to 2045 RTP
18712		HARRIS	TXDOT HOUSTON DISTRICT	IH 610 S	SH 35 (SS 5/MYKAWA RD)	SH 288	RECONSTRUCT FREEWAY INCLUDING TSM IMPROVEMENTS	3.50	(8,8)	(2,2)	2026	EREA	\$309.40	Approve requested Addition to 2045 RTP
18721	1685-05-105	HARRIS	TXDOT HOUSTON DISTRICT	SH 6	AT FM 529		INTERSECTION IMPROVEMENTS	0.25	(6,6)	(0,0)	2025	EXEMPT	\$9.00	Approve requested Addition to 2045 RTP
18722	1685-05-111	HARRIS	TXDOT HOUSTON DISTRICT	SH 6	CLAY RD	IH 10 W	CORRIDOR FEASIBILITY STUDY	3.50	(6,6)	n/a	2032	EXEMPT	\$0.80	Approve requested Addition to 2045 RTP
18723	3510-06-019	HARRIS	TXDOT HOUSTON DISTRICT	SH 99	HOLZWARTH RD	KUYKENDAHL RD	SEG F2: WIDEN EXISTING 4 LANE TOLL FACILITY TO 6 LANE TOLL FACILITY TO MITIGATE CONGESTION AND SUPPORT OPERATIONAL EFFICIENCY	4.50	(4,6)	(0,0)	2026	2030	\$50.00	Approve requested Addition to 2045 RTP
18724	3510-05-047	HARRIS	TXDOT HOUSTON DISTRICT	SH 99 SEG E	WEST RD	IH 10 W	SEG E: WIDEN EXISTING 4 LANE TOLL FACILITY TO 6 LANE TOLL FACILITY TO MITIGATE CONGESTION AND SUPPORT OPERATIONAL EFFICIENCY	8.00	(4,6)	(0,0)	2026	2030	\$115.00	Approve requested Addition to 2045 RTP
18725	3510-05-048	HARRIS	TXDOT HOUSTON DISTRICT	SH 99 SEG E	US 290	WEST RD	SEG E: WIDEN EXISTING 4 LANE TOLL FACILITY TO 6 LANE TOLL FACILITY TO MITIGATE CONGESTION AND SUPPORT OPERATIONAL EFFICIENCY	6.00	(4,6)	(0,0)	2026	2030	\$80.00	Approve requested Addition to 2045 RTP
18726	3510-06-027	HARRIS	TXDOT HOUSTON DISTRICT	SH 99 SEG F-2	KUYKENDAHL RD	SH 249	SEG F2: WIDEN EXISTING 4 LANE TOLL FACILITY TO 6 LANE TOLL FACILITY TO MITIGATE CONGESTION AND SUPPORT OPERATIONAL EFFICIENCY	6.00	(4,6)	(0,0)	2026	2030	\$75.00	Approve requested Addition to 2045 RTP
18727	3256-02-093	HARRIS	TXDOT HOUSTON DISTRICT	SL 8	E OF HARDY TOLL ROAD	E OF ALDINE-WESTFIELD RD	RECONSTRUCT AND WIDEN FROM 4 TO 6 LANES	1.60	(8,8)	(4,6)	2022	2030	\$10.50	Approve requested Addition to 2045 RTP

ATTACHMENT B - REQUESTED AMENDMENTS TO THE 2045 REGIONAL TRANSPORTATION PLAN

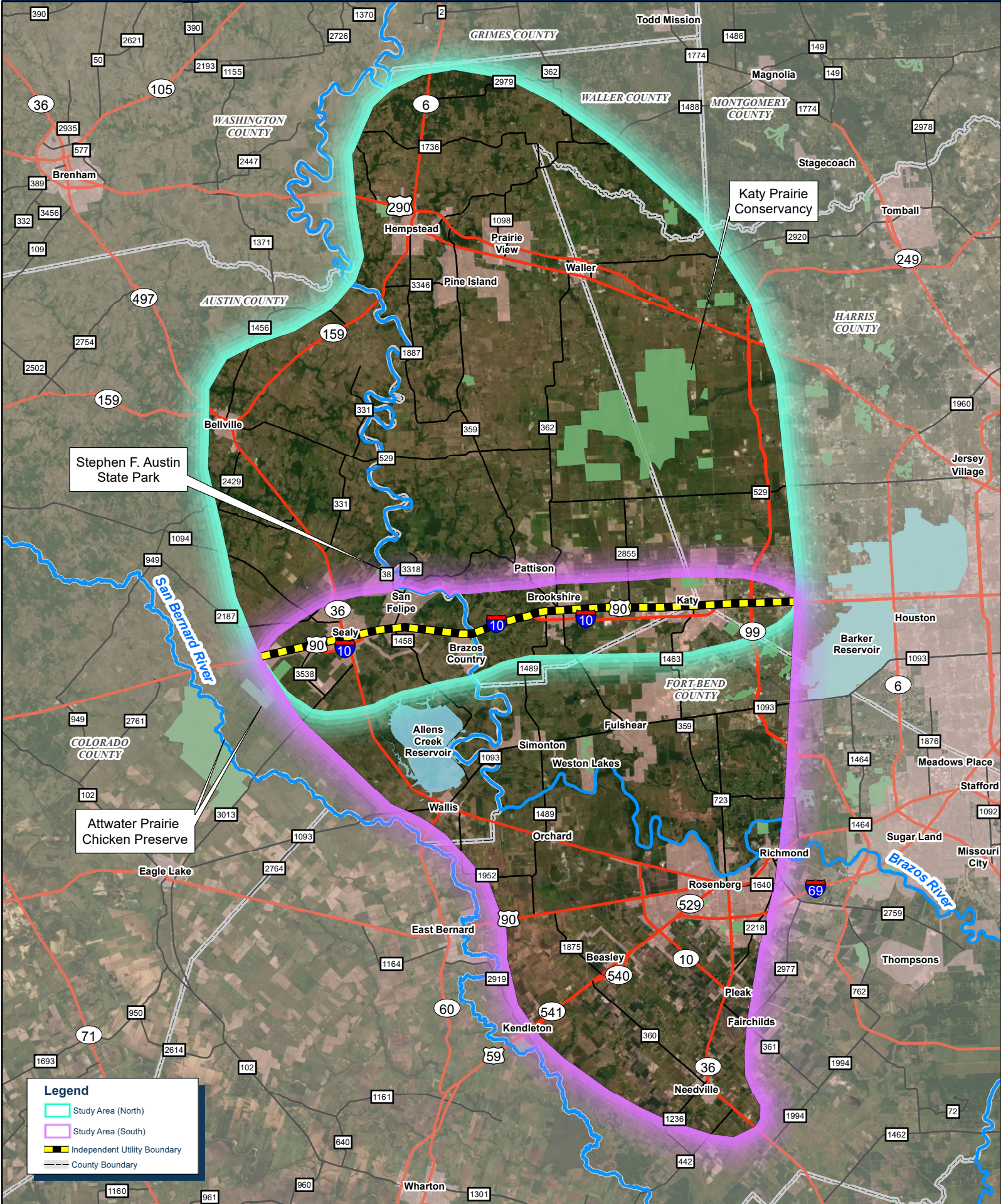
New projects added to draft 2045 RTP amendment					Project information being amended in 2045 RTP										
MPOID	CSJ#	COUNTY	SPONSOR	FACILITY	FROM	TO	DESCRIPTION	LENGTH (mi)	MAIN LANES	FRONTAGE LANES	FISCAL YEAR	ANALYSIS YEAR	TOTAL PROJECT COST (M, YOY)	HGAC RECOMMENDATION	
16328*	0500-03-599	HARRIS	TXDOT HOUSTON DISTRICT	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 LANES NB AND 3 LANES SB (3 ML AND 1 AUX LANE) FROM QUITMAN STREET TO WEST OF MAIN STREET; IH-45 WIDENING FROM 1 TO 4 MANAGED LANES FROM QUITMAN STREET TO MILAM/TRAVIS STREETS	0.80	(13,23)	(0,0)	2030-2024	2040 2030	\$1,060.08	Approve requested amendment with condition to proceed with the project after FHWA review.	
18719**	0912-72-544	MULTIPLE	TXDOT HOUSTON DISTRICT	36A S	SH 36	IH 10 W	CONSTRUCT FOUR-LANE DIVIDED ON NEW LOCATION	36.00	(0,4)	(0,0)	2027	2040	\$1,000.00	Approve requested addition to 2045 RTP with an expedited planning study	
18720**		WALLER	TXDOT HOUSTON DISTRICT	36A N	IH 10 W	US 290	CONSTRUCT FOUR-LANE DIVIDED ON NEW LOCATION	30.00	(0,4)	(0,0)	2040	2045	\$1,400.00	Approve requested addition to 2045 RTP with an expedited planning study	

Table 2

*Approve amendment with a condition that TxDOT will not proceed with construction until existing FHWA Title VI complaint review is complete and resolved.

**Approve amendment with a condition that TxDOT will study all possible alternative routes for Highway 36A project within the boundaries shown in the Highway 36 A Study area map and select an alternative route that avoids adverse impacts to the land owned or controlled by Katy Prairie Conservancy consistent with the Transportation Policy Council Resolution 2014-01.

36A NORTH AND SOUTH STUDY AREA



Prepared by Jacobs Engineering Group Inc.
for Texas Department of Transportation
October 2020



Sources: TNRIS 2016, TPWD 2017, HGAC 2017