

**APPROVAL OF AMENDMENTS TO THE 2018-2019  
UNIFIED PLANNING WORK PROGRAM (UPWP)**

**Background**

The 2018-2019 Unified Planning Work Program (UPWP) describes the regional transportation plans and programs, and the transportation-related air quality planning activities that will be undertaken during fiscal years 2018 and 2019 (October 1, 2017 – September 30, 2019). The current 2018-2019 UPWP was initially adopted by the Transportation Policy Council (TPC) on July 28, 2017.

**Current Situation**

This amendment proposes to make the following changes:

1. Changes federal funding source budgeted for a pedestrian facility data collection project from STP to Transportation Planning Funding (TPF).
2. Adds resiliency and durability to extreme weather study and associated funding.

**Action Requested**

Recommend TPC approval of amendment to the 2018-2019 UPWP.

**UPWP AMENDMENT – MARCH 2018**

**TASK IV CHANGES**

**Subtask 4.3 Multimodal System Planning** – The following project federal funding source for Subtask 4.3a (Thoroughfare Planning) is changed from STP to Transportation Planning Funding (TPF) for FY 2018:

- A consultant will be utilized to collect GIS data on existing pedestrian facilities for utilization in a GIS layer on existing regional transportation maps.

**Task 4 Funding Summary Table** – Total STP funding decreases by \$75,000 in both FY 2018 and FY 2019. Total TPF funding increases by \$75,000 in both FY 2018 and FY 2019. The funding total for Task 4 does not change as reflected in the tables below.

**BEFORE AMENDMENTS**

<b>TASK 4 - FY 2018</b>	<b>Task 4.1</b>	<b>Task 4.2</b>	<b>Task 4.3</b>	<b>Task 4.4</b>	<b>Task 4.5</b>	<b>Task 4 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 568,224	\$ 525,636	\$ 1,632,812	\$ 298,666	\$ 264,337	<b>\$ 3,289,674</b>
STP - Cat 7			\$ 1,915,000	\$ 543,415		<b>\$ 2,458,415</b>
TxDOT State Funds						\$ -
FTA 5304/5307/5309/5339			\$ 25,000			<b>\$ 25,000</b>
Other Local		\$ 12,500	\$ 343,333	\$ 135,854		<b>\$ 491,687</b>
<b>TOTAL</b>	<b>\$ 568,224</b>	<b>\$ 538,136</b>	<b>\$ 3,916,145</b>	<b>\$ 977,935</b>	<b>\$ 264,337</b>	<b>\$ 6,264,776</b>
<b>TASK 4 - FY 2019</b>	<b>Task 4.1</b>	<b>Task 4.2</b>	<b>Task 4.3</b>	<b>Task 4.4</b>	<b>Task 4.5</b>	<b>Task 4 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 377,569	\$ 486,342	\$ 1,172,946	\$ 306,374	\$ 321,171	<b>\$ 2,664,403</b>
STP - Cat 7			\$ 375,000	\$ 1,862,766		<b>\$ 2,237,766</b>
TxDOT State Funds						\$ -
FTA 5304/5307/5309/5339						\$ -
Other Local			\$ 30,000	\$ 465,692	\$ 107,500	<b>\$ 603,192</b>
<b>TOTAL</b>	<b>\$ 377,569</b>	<b>\$ 486,342</b>	<b>\$ 1,577,946</b>	<b>\$ 2,634,832</b>	<b>\$ 428,671</b>	<b>\$ 5,505,361</b>

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

**TAC Agenda Item 6D**  
**Mailout – 3/8/2018**

**AFTER AMENDMENTS**

<b>TASK 4 - FY 2018</b>	<b>Task 4.1</b>	<b>Task 4.2</b>	<b>Task 4.3</b>	<b>Task 4.4</b>	<b>Task 4.5</b>	<b>Task 4 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 568,224	\$ 525,636	\$ 1,707,812	\$ 298,666	\$ 264,337	\$ 3,364,674
STP - Cat 7			\$ 1,840,000	\$ 543,415		\$ 2,383,415
TxDOT State Funds						\$ -
FTA 5304/5307/5309/5339			\$ 25,000			\$ 25,000
Other Local		\$ 12,500	\$ 343,333	\$ 135,854		\$ 491,687
<b>TOTAL</b>	<b>\$ 568,224</b>	<b>\$ 538,136</b>	<b>\$ 3,916,145</b>	<b>\$ 977,935</b>	<b>\$ 264,337</b>	<b>\$ 6,264,776</b>
<b>TASK 4 - FY 2019</b>	<b>Task 4.1</b>	<b>Task 4.2</b>	<b>Task 4.3</b>	<b>Task 4.4</b>	<b>Task 4.5</b>	<b>Task 4 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 377,569	\$ 486,342	\$ 1,247,946	\$ 306,374	\$ 321,171	\$ 2,739,403
STP - Cat 7			\$ 300,000	\$ 1,862,766		\$ 2,162,766
TxDOT State Funds						\$ -
FTA 5304/5307/5309/5339						\$ -
Other Local			\$ 30,000	\$ 465,692	\$ 107,500	\$ 603,192
<b>TOTAL</b>	<b>\$ 377,569</b>	<b>\$ 486,342</b>	<b>\$ 1,577,946</b>	<b>\$ 2,634,832</b>	<b>\$ 428,671</b>	<b>\$ 5,505,361</b>

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

**TASK V CHANGES**

**Subtask 5.1 Special Planning Studies** – The following project is added to this subtask:

- Conduct a Resilience and Durability to Extreme Weather study assessing the vulnerability and potential risk of a transportation system to extreme weather impacts or other current and future environmental conditions utilizing FHWA's Vulnerability Assessment Framework.

**Task 5 Funding Summary Table** – A funding category reflecting FHWA’s Surface Transportation Research, Development and Deployment (FHWA-STRDD) is added. Funding for this category is added in the amounts of \$90,000 in FY 2018 (\$45,000 associated local match) and \$80,000 in FY 2019 (\$40,000 associated local match) is added. The funding total for Task 3 is increased by \$255,000 as reflected in the tables below.

**BEFORE AMENDMENTS**

<b>TASK 5 - FY 2018</b>	<b>Task 5.1</b>	<b>Task 5 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 72,321	\$ 72,321
STP - Cat 7	\$ 1,500,000	\$ 1,500,000
FHWA-STRDD	\$ -	\$ -
TxDOT State Funds	\$ -	\$ -
FTA 5304/5307/5309/5339	\$ -	\$ -
Other Local	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 1,572,321</b>	<b>\$ 1,572,321</b>
<b>TASK 5 - FY 2019</b>	<b>Task 5.1</b>	<b>Task 5 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 74,175	\$ 74,175
STP - Cat 7	\$ 2,000,000	\$ 2,000,000
FHWA-STRDD	\$ -	\$ -
TxDOT State Funds		\$ -
FTA 5304/5307/5309/5339		\$ -
Other Local		\$ -
<b>TOTAL</b>	<b>\$ 2,074,175</b>	<b>\$ 2,074,175</b>

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

**AFTER AMENDMENTS**

<b>TASK 5 - FY 2018</b>	<b>Task 5.1</b>	<b>Task 5 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 72,321	\$ 72,321
STP - Cat 7	\$ 1,500,000	\$ 1,500,000
<b>FHWA-STRDD</b>	<b>\$ 90,000</b>	<b>\$ 90,000</b>
TxDOT State Funds	\$ -	\$ -
FTA 5304/5307/5309/5339	\$ -	\$ -
Other Local	\$ 45,000	\$ 45,000
<b>TOTAL</b>	<b>\$ 1,707,321</b>	<b>\$ 1,707,321</b>
<b>TASK 5 - FY 2019</b>	<b>Task 5.1</b>	<b>Task 5 Total</b>
<b>RESPONSIBLE AGENCY</b>	<b>MPO</b>	
FHWA-FTA TPF	\$ 74,175	\$ 74,175
STP - Cat 7	\$ 2,000,000	\$ 2,000,000
<b>FHWA-STRDD</b>	<b>\$ 80,000</b>	<b>\$ 80,000</b>
TxDOT State Funds	\$ -	\$ -
FTA 5304/5307/5309/5339	\$ -	\$ -
Other Local	\$ 40,000	\$ 40,000
<b>TOTAL</b>	<b>\$ 2,194,175</b>	<b>\$ 2,194,175</b>

TxDOT will apply transportation development credits sufficient to provide the match for FHWA PL-112 and FTA Section 5303 programs. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

**TOTAL FUNDING SUMMARY CHANGES**

- The 2018-19 UPWP Funding Summary Table below has been modified to reflect the above-mentioned changes. Total STP funding decreases by \$150,000. Total TPF funding increases by \$150,000. \$170,000 in FHWA Surface Transportation Research, Development and Deployment funds are added, along with \$85,000 in associated local funding.

**BEFORE AMENDMENTS**

FY 2018	Task 1	Task 2	Task 3	Task 4	Task 5	TOTAL
	Admin. / Mgmt.	Data Modeling & Maintenance	Short Range Planning	Long-Range Planning	Special Studies	
RESPONSIBLE AGENCY	MPO	MPO	MPO/LOCAL TRANSIT AGENCIES	MPO	MPO	
FHWA-FTA TPF	\$ 3,199,110	\$ 4,338,452	\$ 1,758,578	\$ 3,289,674	\$ 72,321	\$12,658,135
STP - Cat 7	\$ -	\$ -	\$ 325,000	\$ 2,458,415	\$ 1,500,000	\$ 4,283,415
FHWA-STRDD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TxDOT State Funds	\$ -	\$ -	\$ 9,900	\$ -	\$ -	\$ 9,900
FTA	\$ -	\$ -	\$ 2,184,825	\$ 25,000	\$ -	\$ 2,209,825
Other Local	\$ -	\$ -	\$ -	\$ 491,687	\$ -	\$ 491,687
<b>TOTAL</b>	<b>\$ 3,199,110</b>	<b>\$ 4,338,452</b>	<b>\$ 4,278,303</b>	<b>\$ 6,264,776</b>	<b>\$ 1,572,321</b>	<b>\$19,652,962</b>

FY 2019	Task 1	Task 2	Task 3	Task 4	Task 5	TOTAL
	Admin. / Mgmt.	Data Modeling & Maintenance	Short Range Planning	Long-Range Planning	Special Studies	
RESPONSIBLE AGENCY	MPO	MPO	MPO/LOCAL TRANSIT AGENCIES	MPO	MPO	
FHWA-FTA TPF	\$ 3,202,021	\$ 3,933,744	\$ 1,314,832	\$ 2,664,403	\$ 74,175	\$11,189,175
STP - Cat 7	\$ -	\$ -	\$ 733,000	\$ 2,237,766	\$ 2,000,000	\$ 4,970,766
FHWA-STRDD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TxDOT State Funds	\$ -	\$ -	\$ 9,900	\$ -	\$ -	\$ 9,900
FTA	\$ -	\$ -	\$ 2,231,050	\$ -	\$ -	\$ 2,231,050
Other Local	\$ -	\$ -	\$ -	\$ 603,192	\$ -	\$ 603,192
<b>TOTAL</b>	<b>\$ 3,202,021</b>	<b>\$ 3,933,744</b>	<b>\$ 4,288,782</b>	<b>\$ 5,505,361</b>	<b>\$ 2,074,175</b>	<b>\$19,004,083</b>

FY 18/19 TOTAL	Task 1	Task 2	Task 3	Task 4	Task 5	TOTAL
	Admin. / Mgmt.	Data Modeling & Maintenance	Short Range Planning	Long Range Planning	Special Studies	
RESPONSIBLE AGENCY	MPO	MPO	MPO/LOCAL TRANSIT AGENCIES	MPO	MPO	
FHWA-FTA TPF	\$ 6,401,131	\$ 8,272,196	\$ 3,073,410	\$ 5,954,077	\$ 146,496	\$23,847,309
STP - Cat 7	\$ -	\$ -	\$ 1,058,000	\$ 4,696,181	\$ 3,500,000	\$ 9,254,181
FHWA-STRDD	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TxDOT State Funds	\$ -	\$ -	\$ 19,800	\$ -	\$ -	\$ 19,800
FTA	\$ -	\$ -	\$ 4,415,875	\$ 25,000	\$ -	\$ 4,440,875
Other Local	\$ -	\$ -	\$ -	\$ 1,094,879	\$ -	\$ 1,094,879
<b>TOTAL</b>	<b>\$ 6,401,131</b>	<b>\$ 8,272,196</b>	<b>\$ 8,567,085</b>	<b>\$11,770,137</b>	<b>\$ 3,646,496</b>	<b>\$38,657,045</b>

**TRANSPORTATION PLANNING FUNDS (TPF) ONLY**

Transportation Planning Funds (FHWA PL-112/FTA 5303) funding estimate: \$ 22,856,357  
 Estimated FHWA PL-112 Carryover from FY 2014-15: \$ 8,723,433  
**TOTAL TPF AVAILABLE: \$ 31,579,790**  
  
**TOTAL TPF PROGRAMMED: \$ 23,847,309**  
**UNDER (OVER) PROGRAMMED: \$ 7,732,481**

By minute order, the Texas Transportation Commission authorizes the use of transportation development credits as TxDOT's non-Federal share for FHWA (PL-112) and FTA 5303 funds. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.

**AFTER AMENDMENTS**

FY 2018	Task 1	Task 2	Task 3	Task 4	Task 5	TOTAL
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<b>FHWA-STRDD</b>	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ 90,000
TxDOT State Funds	\$ -	\$ -	\$ 9,900	\$ -	\$ -	\$ 9,900
FTA	\$ -	\$ -	\$ 2,184,825	\$ 25,000	\$ -	\$ 2,209,825
Other Local	\$ -	\$ -	\$ -	\$ 491,687	\$ 45,000	\$ 536,687
<b>TOTAL</b>	<b>\$ 3,199,110</b>	<b>\$ 4,338,452</b>	<b>\$ 4,278,303</b>	<b>\$ 6,264,776</b>	<b>\$ 1,707,321</b>	<b>\$19,787,962</b>

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<b>FHWA-STRDD</b>	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000
TxDOT State Funds	\$ -	\$ -	\$ 9,900	\$ -	\$ -	\$ 9,900
FTA	\$ -	\$ -	\$ 2,231,050	\$ -	\$ -	\$ 2,231,050
Other Local	\$ -	\$ -	\$ -	\$ 603,192	\$ 40,000	\$ 643,192
<b>TOTAL</b>	<b>\$ 3,202,021</b>	<b>\$ 3,933,744</b>	<b>\$ 4,288,782</b>	<b>\$ 5,505,361</b>	<b>\$ 2,194,175</b>	<b>\$19,124,083</b>

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STP - Cat 7	\$ -	\$ -	\$ 1,058,000	\$ 4,546,181	\$ 3,500,000	\$ 9,104,181
<b>FHWA-STRDD</b>	\$ -	\$ -	\$ -	\$ -	\$ 170,000	\$ 170,000
TxDOT State Funds	\$ -	\$ -	\$ 19,800	\$ -	\$ -	\$ 19,800
FTA	\$ -	\$ -	\$ 4,415,875	\$ 25,000	\$ -	\$ 4,440,875
Other Local	\$ -	\$ -	\$ -	\$ 1,094,879	\$ 85,000	\$ 1,179,879
<b>TOTAL</b>	<b>\$ 6,401,131</b>	<b>\$ 8,272,196</b>	<b>\$ 8,567,085</b>	<b>\$11,770,137</b>	<b>\$ 3,901,496</b>	<b>\$38,912,045</b>

**TRANSPORTATION PLANNING FUNDS (TPF) ONLY**

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 Estimated FHWA PL-112 Carryover from FY 2016-17: \$ 7,723,433  
**TOTAL TPF AVAILABLE: \$ 31,579,790**  
  
**TOTAL TPF PROGRAMED: \$ 23,997,309**  
**UNDER (OVER) PROGRAMMED: \$ 7,582,481**

By minute order, the Texas Transportation Commission authorizes the use of transportation development credits as TxDOT's non-Federal share for FHWA (PL-112) and FTA 5303 funds. As the credits reflect neither cash nor man-hours, they are not reflected in the funding tables.