

ST. JOSEPH METROPOLITAN PLANNING AREA

TRANSPORTATION IMPROVEMENT PROGRAM (TIP) *FY 2017 – 2020*

Amendment #1 – Adopted September 22, 2016
Amendment #2 – Adopted _____



The preparation of this report was financed in part by the U.S. Department of Transportation, Federal Highway Administration, and Federal Transit Administration in cooperation with the Missouri Department of Transportation. The opinions, findings, and conclusions expressed in this report are not necessarily those of the Federal Highway Administration, Federal Transit Administration, or the Missouri Department of Transportation.

Individuals should contact the St. Joseph Area Transportation Study Organization at (816) 271-4648 to request accommodations or alternative formats as required under the Americans with Disabilities Act.

SJATSO Title VI Nondiscrimination Policy

The St. Joseph Area Transportation Study Organization is committed to the policy that no person shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity on the grounds of race, color, sex, age, disability or national origin, in accordance with Title VI of the Civil Rights Act of 1964, and the Civil Rights Restoration Act of 1987 (P.L. 100.259).

The St. Joseph Area Transportation Study Organization (SJATSO) would like to propose one new project to be included in TIP amendment #2. The project involves the placement of a high friction surface treatment (HFST) on the west bound lanes on US 26. A HFST is a safety related countermeasure on pavements that experience a high level of crashes due to wet and quick-braking driving conditions. Funding for this project is provided through MoDOT's statewide safety funds and this project is planned for project award in June 2017. This project is sponsored by the Missouri Department of Transportation. See Table 1 for further detail.

Table 1: Project Proposed for TIP Amendment #2 (Classified as a new project)

MoDOT			Funding			Fiscal Year				
Project Name:	US 36 High Friction Surface Treatment		Source	Category	Prior Prog.	2017	2018	2019	2020	TOTAL
State #	J1P2179	ENG	Federal	Safety		\$4,000				\$4,000
TIP #			State	Safety		\$1,000				\$1,000
Description:	Place HFST in WBL from 9th St. to I-229 ramp.		Local							
Comments:	\$175,000 from Statewide Safety funds. Buchanan County.		Other							
Total Project Cost:	\$192,000	CON	Federal	Safety		\$175,000				\$175,000
			State	Safety		\$12,000				\$12,000
			Local							
			Other							
			TOTAL			\$192,000				\$192,000

For comparison, Tables 2-9 provide financial summaries demonstrating costs before and after the proposed amendment.

Table 2: Safety & Hazard Elimination Financial Summary by Agency before Proposed Amendment #2

Safety & Hazard Elimination Financial Summary by Agency						
Agency: MoDOT	Source	2017	2018	2019	2020	TOTAL
	Federal	\$545,000	\$312,000	\$0	\$0	\$857,000
	State	\$103,000	\$78,000	\$0	\$0	\$181,000
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$648,000	\$390,000	\$0	\$0	\$1,038,000

Table 3: Safety & Hazard Financial Summary by Agency after Proposed Amendment #2

Safety & Hazard Elimination Financial Summary by Agency						
Agency: MoDOT	Source	2017	2018	2019	2020	TOTAL
	Federal	\$724,000	\$312,000	\$0	\$0	\$1,036,000
	State	\$116,000	\$78,000	\$0	\$0	\$194,000
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$840,000	\$390,000	\$0	\$0	\$1,230,000

Table 4: Safety & Hazard Elimination Financial Summary before Proposed Amendment #2

Safety & Hazard Elimination Financial Summary						
	Source	2017	2018	2019	2020	TOTAL
	Federal	\$545,000	\$312,000	\$0	\$0	\$857,000
	State	\$103,000	\$78,000	\$0	\$0	\$181,000
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$648,000	\$390,000	\$0	\$0	\$1,038,000

Table 5: Safety & Hazard Elimination Financial Summary after Proposed Amendment #2

Safety & Hazard Elimination Financial Summary						
	Source	2017	2018	2019	2020	TOTAL
	Federal	\$724,000	\$312,000	\$0	\$0	\$1,036,000
	State	\$116,000	\$78,000	\$0	\$0	\$194,000
	Local	\$0	\$0	\$0	\$0	\$0
	Other	\$0	\$0	\$0	\$0	\$0
TOTAL		\$840,000	\$390,000	\$0	\$0	\$1,230,000

Table 6: Total Financial Summary by Category before Proposed Amendment #2

2017					
Project Category	Federal	State	Local	Other	Total
Aviation	\$0	\$5,000,000	\$0	\$0	\$5,000,000
Bicycle & Pedestrian	\$3,083,731	\$605,000	\$263,488	\$0	\$3,952,218
Bridge	\$22,000	\$3,000	\$0	\$0	\$25,000
Elderly & Disabled	\$54,000	\$0	\$0	\$36,000	\$90,000
Highways & Streets - Rehab & Recon	\$2,591,000	\$508,000	\$6,651,000	\$0	\$9,750,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$2,276,100	\$0	\$1,739,100	\$0	\$4,015,200
Safety & Hazard Elimination	\$545,000	\$103,000	\$0	\$0	\$648,000
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$13,600	\$3,400	\$0	\$0	\$17,000
Total	\$8,585,431	\$6,222,400	\$8,653,588	\$36,000	\$23,497,418
2018					
Project Category	Federal	State	Local	Other	Total
Aviation	\$0	\$0	\$500,000	\$0	\$500,000
Bicycle & Pedestrian	\$104,287	\$0	\$26,072	\$0	\$130,359
Bridge	\$58,000	\$7,000	\$0	\$0	\$65,000
Elderly & Disabled	\$55,000	\$0	\$0	\$37,000	\$92,000
Highways & Streets - Rehab & Recon	\$50,000	\$12,000	\$1,920,000	\$0	\$1,982,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$3,266,300	\$0	\$2,013,800	\$0	\$5,280,100
Safety & Hazard Elimination	\$312,000	\$78,000	\$0	\$0	\$390,000
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$10,400	\$2,600	\$0	\$0	\$13,000
Total	\$3,855,987	\$99,600	\$4,459,872	\$37,000	\$8,452,459
2019					
Project Category	Federal	State	Local	Other	Total
Aviation	\$4,500,000	\$0	\$760,000	\$0	\$5,260,000
Bicycle & Pedestrian	\$20,000	\$0	\$197,000	\$0	\$217,000
Bridge	\$135,000	\$15,000	\$0	\$0	\$150,000
Elderly & Disabled	\$55,000	\$0	\$0	\$37,000	\$92,000
Highways & Streets - Rehab & Recon	\$683,000	\$2,121,000	\$0	\$0	\$2,804,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$3,863,500	\$0	\$2,221,000	\$0	\$6,084,500
Safety & Hazard Elimination	\$0	\$0	\$0	\$0	\$0
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$0	\$0	\$0	\$0	\$0
Total	\$9,256,500	\$2,136,000	\$3,178,000	\$37,000	\$14,607,500
2020					
Project Category	Federal	State	Local	Other	Total
Aviation	\$2,340,000	\$0	\$260,000	\$0	\$2,600,000
Bicycle & Pedestrian	\$200,000	\$0	\$50,000	\$0	\$250,000
Bridge	\$14,000	\$2,000	\$0	\$0	\$16,000
Elderly & Disabled	\$0	\$0	\$0	\$0	\$0
Highways & Streets - Rehab & Recon	\$0	\$0	\$0	\$0	\$0
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$3,629,900	\$0	\$2,212,400	\$0	\$5,842,300
Safety & Hazard Elimination	\$0	\$0	\$0	\$0	\$0
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$0	\$0	\$0	\$0	\$0
Total	\$6,183,900	\$2,000	\$2,522,400	\$0	\$8,708,300
TOTAL					
Project Category	Federal	State	Local	Other	Total
Aviation	\$6,840,000	\$5,000,000	\$1,520,000	\$0	\$13,360,000
Bicycle & Pedestrian	\$3,408,018	\$605,000	\$536,560	\$0	\$4,549,577
Bridge	\$229,000	\$27,000	\$0	\$0	\$256,000
Elderly & Disabled	\$164,000	\$0	\$0	\$110,000	\$274,000
Highways & Streets - Rehab & Recon	\$3,324,000	\$2,641,000	\$8,571,000	\$0	\$14,536,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$13,035,800	\$0	\$8,186,300	\$0	\$21,222,100
Safety & Hazard Elimination	\$857,000	\$181,000	\$0	\$0	\$1,038,000
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$24,000	\$6,000	\$0	\$0	\$30,000
Total	\$27,881,818	\$8,460,000	\$18,813,860	\$110,000	\$55,265,677

Table 7: Total Financial Summary by Category after Proposed Amendment #2

2017					
Project Category	Federal	State	Local	Other	Total
Aviation	\$0	\$5,000,000	\$0	\$0	\$5,000,000
Bicycle & Pedestrian	\$3,083,731	\$605,000	\$263,488	\$0	\$3,952,218
Bridge	\$22,000	\$3,000	\$0	\$0	\$25,000
Elderly & Disabled	\$54,000	\$0	\$0	\$36,000	\$90,000
Highways & Streets - Rehab & Recon	\$2,591,000	\$508,000	\$6,651,000	\$0	\$9,750,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$2,276,100	\$0	\$1,739,100	\$0	\$4,015,200
Safety & Hazard Elimination	\$724,000	\$116,000	\$0	\$0	\$840,000
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$13,600	\$3,400	\$0	\$0	\$17,000
Total	\$8,764,431	\$6,235,400	\$8,653,588	\$36,000	\$23,689,418
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Project Category	Federal	State	Local	Other	Total
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Bridge	\$58,000	\$7,000	\$0	\$0	\$65,000
Elderly & Disabled	\$55,000	\$0	\$0	\$37,000	\$92,000
Highways & Streets - Rehab & Recon	\$50,000	\$12,000	\$1,920,000	\$0	\$1,982,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$3,266,300	\$0	\$2,013,800	\$0	\$5,280,100
Safety & Hazard Elimination	\$312,000	\$78,000	\$0	\$0	\$390,000
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$10,400	\$2,600	\$0	\$0	\$13,000
Total	\$3,855,987	\$99,600	\$4,459,872	\$37,000	\$8,452,459
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Project Category	Federal	State	Local	Other	Total
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Bicycle & Pedestrian	\$20,000	\$0	\$197,000	\$0	\$217,000
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Highways & Streets - Rehab & Recon	\$683,000	\$2,121,000	\$0	\$0	\$2,804,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$3,863,500	\$0	\$2,221,000	\$0	\$6,084,500
Safety & Hazard Elimination	\$0	\$0	\$0	\$0	\$0
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$0	\$0	\$0	\$0	\$0
Total	\$9,256,500	\$2,136,000	\$3,178,000	\$37,000	\$14,607,500
2020					
Project Category	Federal	State	Local	Other	Total
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Bicycle & Pedestrian	\$200,000	\$0	\$50,000	\$0	\$250,000
Bridge	\$14,000	\$2,000	\$0	\$0	\$16,000
Elderly & Disabled	\$0	\$0	\$0	\$0	\$0
Highways & Streets - Rehab & Recon	\$0	\$0	\$0	\$0	\$0
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$3,629,900	\$0	\$2,212,400	\$0	\$5,842,300
Safety & Hazard Elimination	\$0	\$0	\$0	\$0	\$0
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$0	\$0	\$0	\$0	\$0
Total	\$6,183,900	\$2,000	\$2,522,400	\$0	\$8,708,300
TOTAL					
Project Category	Federal	State	Local	Other	Total
Aviation	\$6,840,000	\$5,000,000	\$1,520,000	\$0	\$13,360,000
Bicycle & Pedestrian	\$3,408,018	\$605,000	\$536,560	\$0	\$4,549,577
Bridge	\$229,000	\$27,000	\$0	\$0	\$256,000
Elderly & Disabled	\$164,000	\$0	\$0	\$110,000	\$274,000
Highways & Streets - Rehab & Recon	\$3,324,000	\$2,641,000	\$8,571,000	\$0	\$14,536,000
Highways & Streets - Capacity & Connect	\$0	\$0	\$0	\$0	\$0
Public Transportation	\$13,035,800	\$0	\$8,186,300	\$0	\$21,222,100
Safety & Hazard Elimination	\$1,036,000	\$194,000	\$0	\$0	\$1,230,000
Freight	\$0	\$0	\$0	\$0	\$0
Scoping	\$24,000	\$6,000	\$0	\$0	\$30,000
Total	\$28,060,818	\$8,473,000	\$18,813,860	\$110,000	\$55,457,677

Table 8: Financial Summary by Sponsor before Proposed Amendment #2

Project Sponsor	PROJECT CATEGORIES										TOTAL
	AV	BP	BR	ED	RR	CC	PT	HE	FR	SC	
MoDOT		\$2,948,000	\$256,000		\$5,406,000			\$1,038,000		\$30,000	\$9,678,000
KDOT											\$0
City of St. Joseph	\$13,360,000	\$1,173,442			\$8,360,000						\$22,893,442
City of Wathena											\$0
City of Elwood											\$0
City of Savannah		\$153,135			\$770,000						\$923,135
Village of Country Club		\$275,000									\$275,000
Buchanan County											\$0
Andrew County											\$0
Doniphan County											\$0
St. Joseph Transit							\$21,222,100				\$21,222,100
OATS, Inc.				\$274,000							\$274,000
Port Authority											\$0
TOTAL	\$13,360,000	\$4,549,577	\$256,000	\$274,000	\$14,536,000	\$0	\$21,222,100	\$1,038,000	\$0	\$30,000	\$55,265,677

Table 9: Financial Summary by Sponsor after Proposed Amendment #2

Project Sponsor	PROJECT CATEGORIES										TOTAL
	AV	BP	BR	ED	RR	CC	PT	HE	FR	SC	
MoDOT		\$2,948,000	\$256,000		\$5,406,000			\$1,230,000		\$30,000	\$9,870,000
KDOT											\$0
City of St. Joseph	\$13,360,000	\$1,173,442			\$8,360,000						\$22,893,442
City of Wathena											\$0
City of Elwood											\$0
City of Savannah		\$153,135			\$770,000						\$923,135
Village of Country Club		\$275,000									\$275,000
Buchanan County											\$0
Andrew County											\$0
Doniphan County											\$0
St. Joseph Transit							\$21,222,100				\$21,222,100
OATS, Inc.				\$274,000							\$274,000
Port Authority											\$0
TOTAL	\$13,360,000	\$4,549,577	\$256,000	\$274,000	\$14,536,000	\$0	\$21,222,100	\$1,230,000	\$0	\$30,000	\$55,457,677