

Draft FY2022 - 2025

RPA-18 Regional Transportation Improvement Program (RTIP)

June 2021

Prepared by:

Metropolitan Area Planning Agency

In cooperation:

The Iowa Department of Transportation
Local Supporting Agencies

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July 14, 2021 RPA 18 PC/TAC Meeting Minutes	TBD

INTRODUCTION

SUMMARY OF TRANSPORTATION PLANNING AND PROGRAMMING IN THE MAPA REGIONAL TRANSPORTATION AREA

This report describes improvements programmed over the next four years as a result of the continuing transportation planning process in the MAPA Regional Transportation Planning area. Planning for transportation facilities and services has been in response to the development of **Regional Planning Affiliations (RPA)** by the Iowa Department of Transportation. Such agencies shall offer a continuing, cooperative, and comprehensive transportation planning process resulting in multi modal plans and programs consistent with the comprehensive plan and the Fixing America's Surface Transportation Act (FAST Act).

METROPOLITAN AREA PLANNING AGENCY

The **Metropolitan Area Planning Agency (MAPA)** is a voluntary association of local governments in the Omaha - Council Bluffs metropolitan area chartered in 1967. **MAPA** serves as a forum for decision-making on regional problems and issues in the area. Such problems and issues are those that cross jurisdictional boundaries such as the **Regional Transportation Improvement Program (RTIP)**.

REGIONAL PLANNING AFFILIATIONS

The Iowa DOT has divided the state into 18 **Regional Planning Affiliations**. Harrison, Mills, Pottawattamie, and Shelby counties have been joined together to form the **Regional Planning Affiliation - Region 18 (RPA-18)**. **MAPA** has been contracted by the governing boards of Harrison, Mills, Pottawattamie, and Shelby counties in Iowa to provide transportation and transit planning services and technical support for the **RPA 18**.

MAPA REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM STUDY AREA

The **MAPA Regional Transportation Study Area** covers an area of approximately 2,541 square miles with a population base of approximately 69,200 (2010 Census). This area includes the Iowa counties of Harrison, Mills, Pottawattamie, and Shelby and the local jurisdiction therein. An outline of the **MAPA Regional Transportation Study Area** is identified in Figure 1 on page ii.

MAJOR TRANSPORTATION SUBJECTS

The **RTIP** provides an organizational structure to address the major transportation issues facing the **RPA-18** area. The **RTIP** is produced annually as a staged capital improvement document. It is comprised of four elements representing a program of projects and services for fiscal years 2022, 2023, 2024 and 2025.

A priority ranking of projects has been established by **RPA-18** jurisdictions and state transportation agencies through their placement of projects into the three elements of the **RTIP**. Projects receiving the greatest priority are scheduled in the fiscal year 2022 element. Projects scheduled in the second, third, fourth-year elements are similarly prioritized with those projects of lesser priority scheduled in the out-year element.

INFORMATION

The **RTIP**, based on information submitted by local and state governments, accomplish the following objectives:

- a) Identifies the transportation improvements for advancement from the long range element during the program period;
- b) Indicates the region's priorities;
- c) Groups improvements of similar urgency and anticipated staging to the same time period;
- d) Includes realistic estimates of total costs for the program period;
- e) Provides a status report of projects programmed in the previous year's annual element;
- f) Serves as chief coordination mechanism for implementing projects recommended in the **Regional Planning Affiliation - Region 18 Long Range Transportation Plan**;
- g) Complies with provisions under the 1990 Americans with Disabilities Act (ADA).

In addition, each project in the annual element of the **RTIP** includes the following information:

- a) Location of the project;
 - b) Type of Improvement the project entails;
 - c) Length of the project to the nearest tenth of a mile;
 - d) Functional Classification, if any, for the facility involved;
 - e) Proposed sources and availability of federal, state, and local funds;
 - f) Estimated total expenditures for each jurisdiction involved;
- Projects programmed in this document represent only those projects receiving federal funding.

This **RTIP** is not to be construed as a complete list of improvement projects within **RPA-18**. For further details on any individual project, consult the jurisdictional representatives cited on page ii.

Jurisdictional Information

COUNTY

Harrison County, Iowa

Steven Struble, P.E.
301 North 6th Avenue
Logan, IA 51546-1141
(712) 644-2302

Mills County, Iowa

Cory Gaston, P.E.
Mills County Engineer
403 Railroad Avenue
Glenwood, IA 51534-1967
(712) 527-4873

Pottawattamie County, Iowa

John Rasmussen, P.E.
Pottawattamie County Engineer
223 S 6th St # 2
Council Bluffs, IA 51501-4245
(712) 328-5608

Shelby County, Iowa

Brandon Burmeister, P.E.
Shelby County Engineer
1313 Industrial Parkway
Harlan, IA 51537-2335
(712) 755-5954

STATE

Iowa Department of Transportation

Scott Suhr
Transportation Planner
Iowa DOT, PO Box 406
Atlantic, Iowa 50022
712-243-3355

CITY

Glenwood, Iowa

Ron Kohn
Mayor
107 S Locust Street
Glenwood, Iowa 51534
712-527-4717

Jamey Clark
Glenwood Public Works Director
107 S Locust Street
Glenwood, Iowa 51534
712-527-4598

Harlan, Iowa

Gene Gettys
City Administrator
711 Durant Street
Harlan, Iowa 51537
712-755-5137

REGIONAL

Metropolitan Area Planning Agency / Regional Planning Affiliation Region -18

Michael Helgerson
Transportation and Data Manager
2222 Cuming Street
Omaha, Nebraska 68102
402-444-6866 ext 224
1-800-827-6866 in the MAPA Region

Travis Halm
Associate Planner
2222 Cuming Street
Omaha, Nebraska 68102
402-444-6866 ext 229

Southwest Iowa Transit Agency (SWITA)

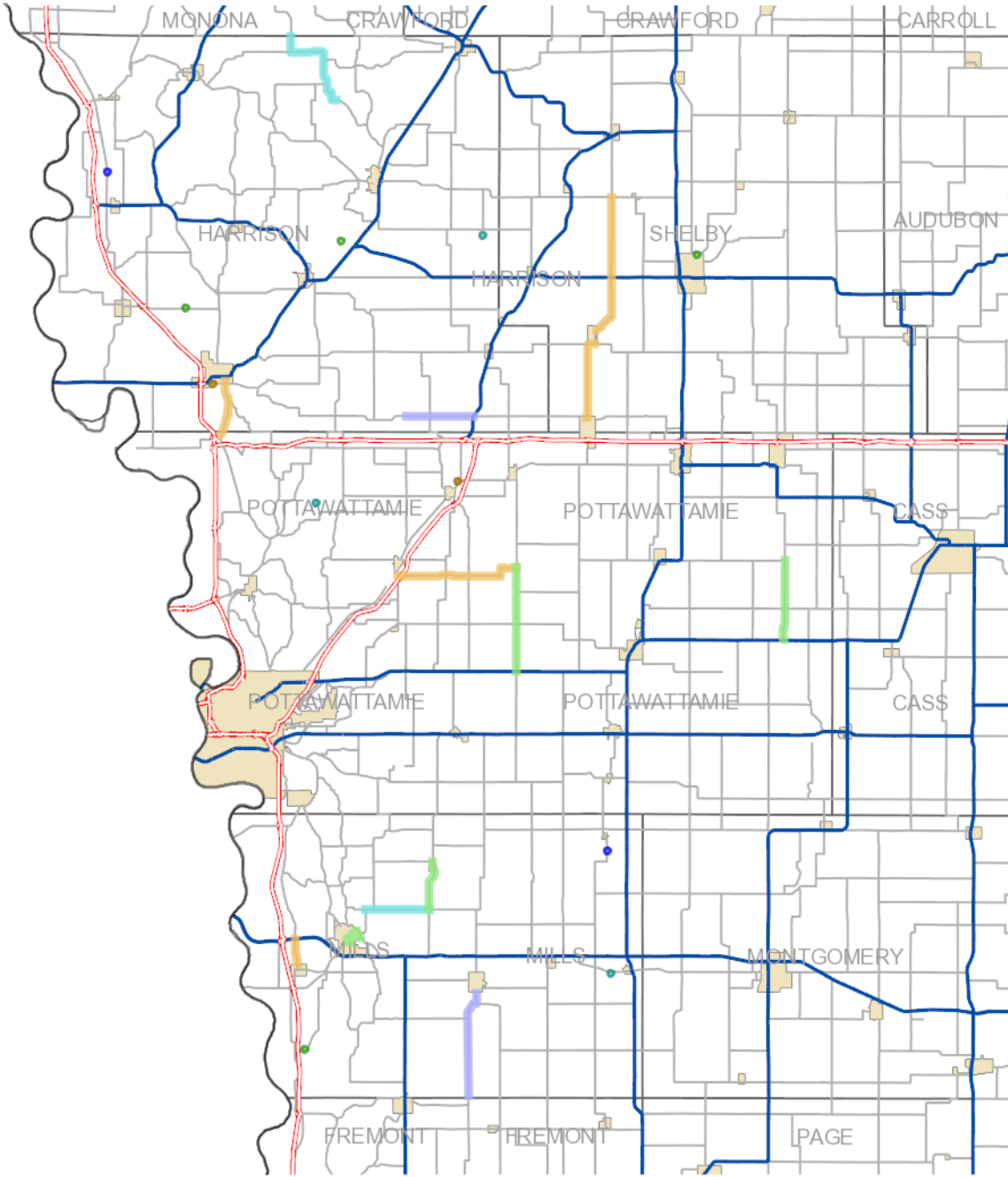
John McCurdy
Executive Director
1501 Southwest 7th Street
P.O. Box 348
Atlantic, Iowa 50022
712-243-4196

FEDERAL

Federal Highway Administration / Federal Transit Administration

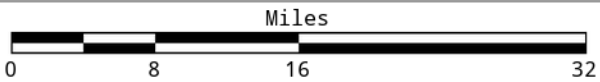
Darla Hugaboom
Community Planner
Federal Highway Administration
105 6th Street
Ames, Iowa 50010
515-233-7305

Mark Bechtel
Transportation Planner
Federal Transit Administration, Reg. VII
901 Locust Street, Suite 404
Kansas City, Missouri 64106
816-329-3937



Feature Key

Earth	Gravel	Seal Coat	County Pavement
State Pavement	Divided Hwy	Water	City
Township	Railroad	Bridge	County Hwy
State Hwy	US Hwy		



RPA 18

HSIP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
48549	HSIPX-34()-3L-65	Submitted	Total	\$906,000				\$906,000
Iowa Department of Transportation	US34: CO RD L55 INTERSECTION		Federal Aid	\$815,400				\$815,400
	Pavement Widening		Regional					
			Swap					

NHPP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
39338	BRF-59)--38-78	Submitted	Total	\$6,000	\$3,713,000			\$3,719,000
Iowa Department of Transportation	US59: E BRANCH W NISHNABOTNA RIVER 1.0 MI S OF IA 83		Federal Aid	\$4,800	\$2,970,400			\$2,975,200
	Bridge Replacement, Right of Way		Regional Swap					
38116	IMX-29)--02-78	Submitted	Total	\$953,000				\$953,000
Iowa Department of Transportation	I-29: DITCH 1.6 MI S OF I-880		Federal Aid	\$857,700				\$857,700
	Bridge Replacement		Regional Swap					
38117	IMX-29)--02-78	Submitted	Total	\$1,713,000				\$1,713,000
Iowa Department of Transportation	I-29: DITCH 0.5 MI S OF I-880		Federal Aid	\$1,541,700				\$1,541,700
	Bridge Replacement		Regional Swap					
38115	IMX-29)--02-78	Submitted	Total	\$1,348,000				\$1,348,000
Iowa Department of Transportation	I-29: DITCH 2.4 MI S OF I-880		Federal Aid	\$1,213,200				\$1,213,200
	Bridge Replacement, Traffic Signs		Regional Swap					
48505	IMX-80)--02-78	Submitted	Total	\$2,521,000				\$2,521,000
Iowa Department of Transportation	I-80: 0.4 MI E OF I-880 TO 0.1 MI W OF SILVER CREEK BRIDGE (EB & WB)		Federal Aid	\$2,268,900				\$2,268,900
	Pavement Rehab		Regional Swap					
38122	IMX-80)--02-78	Submitted	Total	\$1,727,000				\$1,727,000
Iowa Department of Transportation	I-80: W NISHNABOTNA RIVER TO 1.0 MI E OF REST AREA (WB)		Federal Aid	\$1,554,300				\$1,554,300
	Pavement Rehab		Regional Swap					
48534	IMX-80)--02-78	Submitted	Total	\$3,863,000				\$3,863,000
Iowa Department of Transportation	I-80: 0.1 MI W OF SILVER CREEK BRIDGE TO CASS CO (EB/WB)		Federal Aid	\$3,476,700				\$3,476,700
	Pavement Rehab		Regional Swap					
48480	NHSX-34)--3H-65	Submitted	Total	\$1,151,000				\$1,151,000
Iowa Department of Transportation	US34: 0.1 MI E OF US 275 TO BNSF BRIDGE 0.9 MI E OF CO RD L55		Federal Aid	\$920,800				\$920,800
	Pavement Rehab		Regional Swap					
48516	NHSX-59)--3H-65	Submitted	Total	\$3,246,000				\$3,246,000
Iowa Department of Transportation	US59: US 34 TO CO RD H12		Federal Aid	\$2,596,800				\$2,596,800
	Pavement Rehab		Regional Swap					

NHPP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
45306	IMX-80()--02-78	Submitted	Total			\$1,360,000		\$1,360,000
Iowa Department of Transportation	I-80: IDLEWOOD RD 4.6 MI E OF US 6 (EB & WB) Bridge Deck Overlay		Federal Aid			\$1,224,000		\$1,224,000
			Regional Swap					
45244	NHSX-30()--3H-43	Submitted	Total			\$6,800,000	\$60,615,000	\$67,415,000
Iowa Department of Transportation	US30: MISSOURI VALLEY BYPASS Culvert New, Grading, Right of Way		Federal Aid			\$5,440,000	\$48,492,000	\$53,932,000
			Regional Swap					
48617	BRF-30()--38-43	Submitted	Total				\$1,028,000	\$1,028,000
Iowa Department of Transportation	US30: STREAM 3.4 MI E OF IA 44 Bridge Replacement, Right of Way		Federal Aid				\$822,400	\$822,400
			Regional Swap					
48633	BRF-59()--38-78	Submitted	Total				\$2,545,000	\$2,545,000
Iowa Department of Transportation	US59: AT JCT IA 92 Bridge Replacement, Right of Way		Federal Aid				\$2,036,000	\$2,036,000
			Regional Swap					
48636	IMX-29()--02-43	Submitted	Total				\$4,069,000	\$4,069,000
Iowa Department of Transportation	I-29: OLD SOLDIER RIVER DITCH 4.0 MI S OF IA 127 (NB/SB) Bridge Replacement, Right of Way		Federal Aid				\$3,662,100	\$3,662,100
			Regional Swap					
39339	IMX-80()--02-78	Submitted	Total				\$5,080,000	\$5,080,000
Iowa Department of Transportation	I-80: KEG CREEK 0.8 MI E OF CO RD L66 (EB & WB) Bridge Rehabilitation		Federal Aid				\$4,572,000	\$4,572,000
			Regional Swap					

PRF

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
37947	BRFN-30()--39-43	Submitted	Total	\$35,000	\$35,000	\$35,000	\$35,000	\$140,000
Iowa Department of Transportation	US30: MISSOURI RIVER E OF BLAIR NEBRASKA (STATE SHARE)		Federal Aid					
	Bridge Cleaning		Regional Swap					
37948	BRFN-30()--39-43	Submitted	Total	\$1,319,000				\$1,319,000
Iowa Department of Transportation	US30: STREAM 2.3 MI E OF CO RD F32		Federal Aid					
	Bridge Replacement, Right of Way		Regional Swap					
37979	BRFN-34()--39-65	Submitted	Total	\$45,000	\$45,000	\$45,000	\$45,000	\$180,000
Iowa Department of Transportation	US34: MISSOURI RIVER N OF PLATTSMOUTH NEBRASKA (STATE SHARE)		Federal Aid					
	Bridge Cleaning		Regional Swap					
38010	BRFN-59()--39-78	Submitted	Total	\$647,000				\$647,000
Iowa Department of Transportation	US59: I-80 INTERCHANGE AT AVOCA (NB & SB)		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
38008	BRFN-59()--39-78	Submitted	Total	\$138,000				\$138,000
Iowa Department of Transportation	US59: STREAM 2.4 MI N OF IA 92		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
38012	BRFN-92()--39-78	Submitted	Total	\$359,000				\$359,000
Iowa Department of Transportation	IA92: JORDAN CREEK 3.5 MI E OF US 59		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
38108	IMN-29()--0E-65	Submitted	Total	\$3,971,000				\$3,971,000
Iowa Department of Transportation	I-29: REST AREA N OF US 34 (NB)		Federal Aid					
	Rest Area Improvement		Regional Swap					
38121	IMN-80()--0E-78	Submitted	Total	\$272,000				\$272,000
Iowa Department of Transportation	I-80: CO RD M16 INTERCHANGE AT SHELBY		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
48543	IMN-80()--0E-78	Submitted	Total	\$1,500,000				\$1,500,000
Iowa Department of Transportation	I-80: REST AREAS 1 MI N OF CO RD G30 N OF UNDERWOOD		Federal Aid					
	Grading		Regional Swap					

PRF

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
48559	IMN-80()--0E-78	Submitted	Total	\$1,238,000				\$1,238,000
Iowa Department of Transportation	I-80: WB WEIGH STATION 4.1 MI E OF US 59		Federal Aid					
	Pave		Regional Swap					
48483	STPN-183()--2J-43	Submitted	Total	\$593,000				\$593,000
Iowa Department of Transportation	IA183: CO RD F20 IN PISGAH TO OAK ST IN MOORHEAD		Federal Aid					
	Pavement Rehab		Regional Swap					
48594	STPN-275()--2J-65	Submitted	Total	\$408,000				\$408,000
Iowa Department of Transportation	US275: 0.3 MI S OF CO RD H40		Federal Aid					
	Culvert Replacement, Right of Way		Regional Swap					
39249	BRFN-127()--39-43	Submitted	Total		\$740,000			\$740,000
Iowa Department of Transportation	IA127: STEER CREEK 0.5 MI E OF IA 183		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
39248	BRFN-30()--39-43	Submitted	Total		\$125,000			\$125,000
Iowa Department of Transportation	US30: MISSOURI RIVER E OF BLAIR NEBRASKA (STATE SHARE)		Federal Aid					
	Bridge Rehabilitation		Regional Swap					
37949	BRFN-30()--39-43	Submitted	Total		\$888,000			\$888,000
Iowa Department of Transportation	US30: WILSON DITCH 2.1 MI W OF I-29		Federal Aid					
	Bridge Replacement, Right of Way		Regional Swap					
39355	BRFN-44()--39-83	Submitted	Total		\$1,102,000			\$1,102,000
Iowa Department of Transportation	IA44: MOSQUITO CREEK 0.3 MI E OF IA 191		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
39340	BRFN-92()--39-78	Submitted	Total		\$573,000			\$573,000
Iowa Department of Transportation	IA92: GRAYBILL CREEK 1.2 MI E OF E JCT US 59		Federal Aid					
	Bridge Deck Overlay		Regional Swap					
45250	IMN-880()--0E-78	Submitted	Total		\$1,000,000			\$1,000,000
Iowa Department of Transportation	I-880: MOSQUITO CREEK 0.5 MI E OF IA 191 (WB)		Federal Aid					
	Bridge Rehabilitation		Regional Swap					

PRF

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
45424	STPN-29()--2J-43	Submitted	Total		\$120,000			\$120,000
Iowa Department of Transportation	I-29: LITTLE SIOUX RIVER N OF CO RD F20 Traffic Signs		Federal Aid					
			Regional					
			Swap					
45293	BRFN-92()--39-78	Submitted	Total			\$598,000		\$598,000
Iowa Department of Transportation	IA92: SILVER CREEK 2.8 MI E OF TREYNOR Bridge Deck Overlay		Federal Aid					
			Regional					
			Swap					
48428	BRFN-92()--39-78	Submitted	Total				\$766,000	\$766,000
Iowa Department of Transportation	IA92: INDIAN CREEK 0.7 MI W OF CO RD M47 Bridge Replacement, Right of Way		Federal Aid					
			Regional					
			Swap					
48452	IMN-80()--0E-78	Submitted	Total				\$800,000	\$800,000
Iowa Department of Transportation	I-80: CO RD G30 INTERCHANGE Bridge Deck Overlay		Federal Aid					
			Regional					
			Swap					
48475	IMN-80()--0E-78	Submitted	Total				\$1,312,000	\$1,312,000
Iowa Department of Transportation	I-80: 0.4 MI E OF I-880 TO 0.1 MI W OF SILVER CREEK BRIDGE (WB)		Federal Aid					
			Regional					
			Swap					
48546	IMN-80()--0E-78	Submitted	Total				\$4,150,000	\$4,150,000
Iowa Department of Transportation	I-80: WB REST AREA 1.0 MI N OF CO RD G30 N OF UNDERWOOD Rest Area Improvement		Federal Aid					
			Regional					
			Swap					
48567	IMN-80()--0E-78	Submitted	Total				\$660,000	\$660,000
Iowa Department of Transportation	I-80: MCPHERSON AVE 1.6 MI W OF US 6 (WB) Bridge Deck Overlay		Federal Aid					
			Regional					
			Swap					
48577	IMN-80()--0E-78	Submitted	Total				\$4,472,000	\$4,472,000
Iowa Department of Transportation	I-80: ABANDONED RR 3.0 MI E OF I-880 (BRIDGE REMOVAL EB & WB) Grade and Pave		Federal Aid					
			Regional					
			Swap					
48536	STPN-34()--2J-65	Submitted	Total				\$300,000	\$300,000
Iowa Department of Transportation	US34: MISSOURI RIVER N OF PLATTSMOUTH NEBRASKA Traffic Signs		Federal Aid					
			Regional					
			Swap					

PRF

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
48537	STPN-680()--2J-78	Submitted	Total				\$400,000	\$400,000
Iowa Department of Transportation	I-680: MISSOURI RIVER 3.1 MI W OF I-29		Federal Aid					
	Traffic Signs		Regional					
			Swap					

STBG

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
48527	STP-173()--2C-83	Submitted	Total	\$2,637,000				\$2,637,000
Iowa Department of Transportation	IA173: CASS CO LINE TO 0.25 MI S OF CO RD F58 IN ELK HORN		Federal Aid	\$2,109,600				\$2,109,600
	Pavement Rehab		Regional					
			Swap					
48477	STP-191()--2C-83	Submitted	Total	\$1,144,000				\$1,144,000
Iowa Department of Transportation	IA191: HARRISON CO TO IA 44		Federal Aid	\$915,200				\$915,200
			Regional					
			Swap					
48524	STP-92()--2C-78	Submitted	Total	\$5,498,000				\$5,498,000
Iowa Department of Transportation	IA92: TREYNOR TO CARSON		Federal Aid	\$4,398,400				\$4,398,400
	Pavement Rehab		Regional					
			Swap					

STBG-HBP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
38164	BRFIMX-29()--14-78	Submitted	Total	\$3,702,000				\$3,702,000
Iowa Department of Transportation	I-29: CO RD G12 0.4 MI N OF I-880		Federal Aid	\$3,702,000				\$3,702,000
	Grade and Pave, Bridge Replacement, Traffic Signs		Regional					
			Swap					

STBG-TAP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
39439	TAP-T-2955()--8V-65	Submitted	Total	\$141,000				\$141,000
Glenwood	In the city of Glenwood, On East Sharp Street walking/bike trail, from Vine Street to Lake Drive		Federal Aid	\$113,000				\$113,000
	Ped/Bike Paving		Regional	\$113,000				\$113,000
			Swap					
38389	TAP-U-2955()--8I-65	Submitted	Total	\$1,255,000				\$1,255,000
Glenwood	On Pedestrian trail south of E Sharp Street in Glenwood Lake Park for 2.5 Miles		Federal Aid	\$72,000				\$72,000
	Ped/Bike Grade & Pave, Ped/Bike Structures, Ped/Bike Development		Regional	\$72,000				\$72,000
			Swap					
26699	TAP-R-C078()--8T-78	In Prep	Total			\$936,000		\$936,000
Pottawattamie County Conservation Board	On Railroad Highway, from Council Bluffs N 27 Miles to Neola and Crescent	1/21/2026	Federal Aid			\$200,000		\$200,000
	Ped/Bike Miscellaneous, Ped/Bike Development		Regional			\$200,000		\$200,000
			Swap					

DOT Note: Project eligible for FHWA TAP funding.

SWAP-HBP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
38477	BROS-SWAP-3275(604)--SE-83	Submitted	Total	\$1,000,000				\$1,000,000
Harlan	On North 7th Street, Over Small Stream.	12/15/2020	Federal Aid					
	Bridge Replacement		Regional					
			Swap	\$1,000,000				\$1,000,000
37119	BROS-SWAP-C043(90)--SE-43	Submitted	Total	\$1,415,000				\$1,415,000
Harrison County	On PARKER TRL, Over BOYER RIVER, S4 T79 R42	2/15/2022	Federal Aid					
	Bridge Replacement		Regional					
			Swap	\$1,400,000				\$1,400,000
32804	BROS-SWAP-C065)--FE-65	Submitted	Total	\$300,000				\$300,000
Mills County	On Paddock Ave, Over Local Creek, in NE S21 T71 R43		Federal Aid					
	Bridge Replacement		Regional					
			Swap	\$300,000				\$300,000
45569	BRS-SWAP-C043(89)--FF-43	Submitted	Total	\$660,000				\$660,000
Harrison County	On F 50, Over ALLEN CREEK, S35 T79 R44	11/16/2021	Federal Aid					
	Bridge Replacement		Regional					
			Swap	\$650,000				\$650,000
32693	BROS-SWAP-C043(Cass2)--SE-43	Submitted	Total		\$500,000			\$500,000
Harrison County	On VIENNA AVE, Over PIGEON CREEK, from 220th St. S 0.3 miles S1 T79 R41		Federal Aid					
	Bridge Replacement		Regional					
			Swap		\$500,000			\$500,000
35284	BROS-SWAP-C065)--SE-65	Submitted	Total		\$400,000			\$400,000
Mills County	On 400th Street, Over Indian Creek, on ELINE S27 T72 R40		Federal Aid					
	Bridge Replacement		Regional					
			Swap		\$400,000			\$400,000
18229	BROS-SWAP-C078)--SE-78	Submitted	Total		\$1,200,000			\$1,200,000
Pottawattamie County	On 210TH ST, Over PIGEON CREEK, S27 T77 R43	1/19/2022	Federal Aid					
	Bridge Replacement		Regional					
			Swap		\$1,200,000			\$1,200,000
20363	BHOS-SWAP-C065(84)--FB-65	Submitted	Total			\$600,000		\$600,000
Mills County	On M 21, Over FARM CREEK, S15 T73 R40	12/20/2022	Federal Aid					
	Bridge Rehabilitation		Regional					
			Swap			\$600,000		\$600,000
45577	BRS-SWAP-C043(Mog3)--FF-43	Submitted	Total			\$310,000		\$310,000
Harrison County	On K 45, Over STREAM, from Eden Ave N 0.1 miles S13 T80 R45		Federal Aid					
	Bridge Replacement		Regional					
			Swap			\$310,000		\$310,000

SWAP-HBP

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
36497	BROS-SWAP-C043(SJ10)--SE-43	Submitted	Total				\$600,000	\$600,000
Harrison County	On Canal St. Over WILLOW RIVER, from Kenton Ave W 0.1 miles S21 T78 R44		Federal Aid					
	Bridge Replacement		Regional					
			Swap				\$600,000	\$600,000
13048	BRS-SWAP-C078()-FF-78	Submitted	Total				\$1,500,000	\$1,500,000
Pottawattamie County	On G 18, Over BNSF RR, S19 T77 R41		Federal Aid					
	Bridge Removal		Regional					
			Swap				\$1,500,000	\$1,500,000

SWAP-STBG

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
35296	STBG-SWAP-C065(114)--FG-65	Submitted	Total	\$1,800,000				\$1,800,000
Mills County	On L55, from H20 N 3.1 miles to Dobney Avenue	11/16/2021	Federal Aid					
	Pavement Rehab		Regional	\$400,000				\$400,000
			Swap	\$400,000				\$400,000
21847	STBG-SWAP-C078()--FG-78	Submitted	Total	\$1,800,000				\$1,800,000
Pottawattamie County	On M 47, from Highway 6 N 5 miles to G30		Federal Aid					
	Pavement Rehab, Patching		Regional	\$900,000				\$900,000
			Swap	\$900,000				\$900,000
36205	STBG-SWAP-C078()--FG-78	Submitted	Total	\$6,050,000				\$6,050,000
Pottawattamie County	On L66, from the Highway 6 Intersection North 6.5 Miles to the South Intersection of G30	7/20/2021	Federal Aid					
	Patching		Regional	\$1,250,000				\$1,250,000
			Swap	\$1,250,000				\$1,250,000
37436	STBG-SWAP-C043(L16)--FG-43	Submitted	Total		\$1,200,000			\$1,200,000
Harrison County	On L16, from Willow Creek N 6.6 Miles to Monona County Line		Federal Aid					
	Pave, Granular Shoulders		Regional		\$1,200,000			\$1,200,000
			Swap		\$1,200,000			\$1,200,000
35289	STBG-SWAP-C065()--FG-65	Submitted	Total		\$1,500,000			\$1,500,000
Mills County	On Gaston Ave. , from 245th Street East 4.0 Miles to 287th Street		Federal Aid					
	Pavement Rehab/Widen		Regional		\$500,000			\$500,000
			Swap		\$500,000			\$500,000
44761	STBG-SWAP-C043(F66)--FG-43	Submitted	Total			\$360,000		\$360,000
Harrison County	On F-66 (335th Street), from Seward Ave E 4 miles to Hwy 191		Federal Aid					
	Pave		Regional			\$145,000		\$145,000
			Swap			\$145,000		\$145,000
35293	STBG-SWAP-C065()--FG-65	Submitted	Total			\$2,000,000		\$2,000,000
Mills County	On L-63, Over SILVER CREEK, from Malvern City Limits South 7 miles to Fremont County Line		Federal Aid					
	Pavement Rehab		Regional			\$1,250,000		\$1,250,000
			Swap			\$1,250,000		\$1,250,000
45729	STBG-SWAP-C043(L20s)--FG-43	Submitted	Total				\$964,000	\$964,000
Harrison County	On L-20, Under CPRR, from Pott Co. N 3.4 miles to UP RR XING		Federal Aid					
			Regional				\$884,000	\$884,000
			Swap				\$884,000	\$884,000
35291	STBG-SWAP-C065()--FG-65	Submitted	Total				\$320,000	\$320,000
Mills County	On L-31, from Jenkins Ave. N 1.5 miles to HWY U.S.34		Federal Aid					
	Pavement Rehab		Regional				\$320,000	\$320,000
			Swap				\$320,000	\$320,000

SWAP-STBG

Project ID	Project Number	Approval Level		2022	2023	2024	2025	Totals
Sponsor	Location	Letting Date						
STIP ID	Work Codes							
32566	STBG-SWAP-C078)--FG-78	Submitted	Total				\$1,925,000	\$1,925,000
Pottawattamie County	On G30, from Mosquito Creek Bridge East 8 Miles to L66 Pavement Rehab, Patching, Pavement Planing		Federal Aid					
			Regional				\$325,000	\$325,000
			Swap				\$325,000	\$325,000
38726	STBG-SWAP-C083)--FG-83	Submitted	Total				\$2,000,000	\$2,000,000
Shelby County	On M-16, from City Limits of Shelby, Iowa 14 miles to County Road F-32 Pavement Rehab		Federal Aid					
			Regional				\$1,800,000	\$1,800,000
			Swap				\$1,800,000	\$1,800,000

Project Selection & Prioritization

All projects submitted to the RPA-18 for inclusion in the RTIP are reviewed by MAPA staff and the RPA- 18 Technical and Policy Committees. Projects for consideration may be submitted via the Iowa DOT Transportation Programming Management System (TPMS) or by written request. Projects are programmed in the RTIP based on the recommendations of the RPA-18 Technical Committee, MAPA staff, and the approval of the RPA-18 Policy Committee.

Projects are then placed in one of the four RTIP elements based on the identified priority and financial availability. Projects with the highest priority are programmed in the first element year of the RTIP. Those projects with lesser priority are programmed in the remaining two fiscal year elements and the projects with the least priority are programmed in the final element year.

Bridge program projects are prioritized by each individual county based upon the following factors: current serviceability rating, traffic flow, available funding, and total system needs. These factors are used to determine the best possible application of Federal Aid for bridges in RPA-18.

Surface Transportation Block Grant Program (STBG & STBG-SWAP)

In 2017 the Iowa Legislature authorized IDOT to implement a Swap program that allows MPOs and RPAs, at their discretion, to swap targeted federal STBG funding for State Primary Road Fund dollars. STBG-SWAP funding has expanded eligibility over STBG funding and can be awarded on roads with a federal functional classification of Minor Collector or higher in rural areas, all Farm-to-Market routes, and Collector or higher in urban areas. RPA-18 project selection process regarding system eligibility is based on regional project priority as stated in the RPA 18 Long Range Transportation Plan, Iowa Statewide Long Range Transportation Plan, local master plans, or other local or regionally significant enhancement plans.

In FY2017, the RPA-18 Policy & Technical Committees reviewed and updated their project selection process for Regional-STBG funds. Further refinement of this process has taken place in each subsequent fiscal year. The Policy & Technical Committees developed selection criteria and ranges to prioritize projects submitted to RPA-18 by the individual jurisdictions. These criteria are summarized below:

- **Functional Classification:** Projects proposed on roads with higher Functional Classifications received more points due to their regional significance
- **Annual Average Daily Traffic (AADT):** Projects with higher AADT counts received more points
- **Pavement Condition & Age:** Projects were evaluated based on the pavement condition in Good, Fair or Poor ranges (Poor pavements receiving more points). Pavement condition was determined based on INTRANS data as well as qualitative description of other factors
- **Bridge Factors:** Projects involving Structurally Deficient or Functionally Obsolete bridges received additional points. Also, bridge projects with a sufficiency rating below 50 also received points to prioritize bridges in poor condition.
- **Crash History:** Three (3) years of crash data were evaluated to determine the total number of crashes along a project corridor. Points were awarded for each crash and additional points were awarded to projects with five (5) or more crashes during the analysis period.
- **Regional Significance:** Points awarded to projects based on a narrative description of the project's impact. Factors include a description of any economic development, connectivity, environmental or bridge-related factors that make the project significant to the RPA-18 region.
- **Local Match:** Projects providing more than 30% local match received points as they allow the region to fund more projects.
- **Multi-Jurisdictional:** Projects demonstrating cooperation or coordination between jurisdictions in the RPA-18 region received additional points as well.

In January 2020, considerations were made toward expediting the STBG selection and award process with respect to member counties to ensure project delivery dates not being delayed due to the approval and selection process. The process is designed to allow more flexibility in scheduling funding and construction while still enabling local communities and jurisdictions to be engaged in the process. Counties will engage cities in the project selection process prior to application, however cities are still able to submit projects independently of their counties.

Cities within the RPA-18 region are permitted and encouraged to submit applications for projects independently to the RPA Board for consideration, per Iowa Department of Transportation requirements. All applications received by the RPA board will be considered in discussions and ultimate decisions on regional funding.

The RPA Staff will review the Draft TIP after April 15; notify the RPA Board and the Member County of any balance and application requirement deficiencies; and recommend the RPA Board remove these projects from the Draft TIP at the May meeting.

Applications for the STBG-SWAP Program were due on January 29, 2021. Applications included: Harrison County, \$950,000 on L-20 Highway south of Missouri Valley in 2025.

Iowa Transportation Alternatives Program (STBG-TAP)

Iowa's Transportation Alternatives Program (TAP) is a new iteration of the former Transportation Enhancements (later Transportation Alternatives) program that has been in existence since 1991. The most recent transportation authorization act, Fixing America's Surface Transportation (FAST) Act, was enacted in 2015. Implementation of this act placed further restrictions on the selection of projects for funding under the federal TAP program structure which has led Iowa to implement a modified version of the federal program. Iowa's TAP program can be accessed in two ways. Statewide and multi-regional projects should apply directly to the Iowa DOT by October 1 annually for consideration in the Statewide TAP program. RPA-18 administers funding for smaller, local projects through its regional program. Applications for Transportation Alternatives funding must consist of at least one eligible activity under one or more of the following categories of projects: (1) Trails and Bicycles; (2) Scenic and Historic; (3) Safe Routes to School (SRTS); or (4) Environmental.

RPA-18's evaluation criteria for STBG-TAP projects include the following:

- **FAST Act Intent:** Projects were scored on the degree to which the proposed project fulfills the intent of the FAST Act
- **Continuity and Continuation of Projects:** Projects that continue or complement existing projects or projects that have been funded and /or implemented from other funding sources, especially projects for which the proposed alternatives funded would complete a larger project, concept or plan were rated and assessed a point total.
- **Versatility:** Projects which qualify in two or more of the ten eligible activities of transportation alternatives identified in the FAST Act will be given additional consideration. One point will be applied toward each of the project activities applicable to the project.
- **Project Priority:** Projects will be assessed a point total contingent on relative importance and contribution to a regional project priority as stated in the RPA 18 Long Range Transportation Plan, Iowa Statewide Long Range Transportation Plan, local master plans, or other local or regionally significant enhancement plans.
- **Matching Funds:** Projects that can secure a local match above the 20 percent mark would garner additional consideration based on the premise that funding in excess of 20 percent would have a smaller impact on the total funding available for all projects.

Applications for Iowa's Transportation Alternatives Program (TAP) were due on January 29, 2021. No new applications were received for STBG-TAP as part of the FY2022 TIP project selection cycle.

Regional Transportation Improvement Program Revisions

The RTIP may be revised through two procedures. Amendments are revisions that involve major changes to a project included in the RTIP or the addition of a new project. The thresholds for a revision of an included project to require a RTIP Amendment are listed below:

- **Project Cost:** Projects in which the recalculated project costs increase federal-aid by more than 30 percent or increase total federal-aid by more than \$2 million from the original amount.
- **Schedule Changes:** Projects added or deleted from the RTIP.
- **Funding Sources:** Projects receiving additional federal funding sources to a project.
- **Fiscal Constraint:** Changes that result in the TIP no longer being fiscally constrained.
- **Scope Changes:** Changing the project termini, the amount of through traffic lanes, type of work from an overlay to reconstruction, or a change to include widening the roadway.

The Iowa DOT will make no distinction between amendments and administrative modifications for projects using swapped Primary Road Funds. Swap projects are subject to RPA-18 project revision processes and all applicable state public meeting requirements. Only major changes to the RTIP require approval by the

RPA-18 Technical and Policy committees prior to their inclusion in the approved RTIP. A change that does not meet any of the above thresholds will be performed via administrative modification. Administrative modification does not require action from either committee; however, these changes will be included in the agenda of the next committee meeting as an “Information Item” and will be posted for public comment.

RPA-18 will incorporate the amendment or amendments into the RTIP and have available the proposed amendment to the RTIP for public comment. The amended RTIP will be finalized with any significant comments and the disposition of those comments included. The amended RTIP will be reviewed by the RPA-18 Policy and Technical Committees for final approval. The amended RTIP will be forwarded to the Iowa DOT for inclusion in the Iowa State-wide Transportation Improvement Programs and will include any additional significant comments received at the Policy Committee meeting and the disposition of those comments.

Public Participation

The Regional Transportation Improvement Program (RTIP) describes transportation improvements in the RPA-18 study area over a four-year time frame. The RTIP is produced annually as a staged capital improvement document.

The draft RTIP is reviewed by the RPA-18 Policy and Technical Committees and is made available for public review and comment for thirty (30) days. After review, the draft RTIP is finalized and includes a summary of the significant comments and the disposition of those comments. Any additional significant comments and the disposition of those comments will be included in the RTIP before final review by the RPA-18 Policy and Technical Committee.

RPA-18 Public Transit

Public Transit service is provided via the Southwest Iowa Planning Council (SWIPCO) and the Southwest Iowa Transit Agency (SWITA). Data pertaining to Federal Transit Authority funding, and available service is available via SWIPCO/SWITA and maintained in the RPA-13 Transportation Improvement Program.

For further information please visit <http://www.swipco.org>

Financial Constraint

The Fixing America's Surface Transportation Act (FAST Act) requires that the Iowa State Transportation Improvement Programs (STIP) be financially constrained. The RPA-18 Regional Transportation Improvement Program (RTIP) is contained verbatim in the Iowa Statewide TIP, and therefore must also be financially constrained. Financially constrained, simply stated, is the ability to have enough funds to service the debt incurred in implementing the pending transportation improvements identified in the Iowa Statewide TIP and the RPA-18 RTIP. Costs to be assumed in the FY 2022 through FY 2025 elements of the RPA-18 RTIP must reflect inflation to provide an estimate of cost incurred in the actual year of construction. All fiscal years identified in the Iowa Statewide TIP and the RPA-18 RTIP must also include estimated operating and maintenance costs.

This document presents projects funded with federal funds provided under the authority of the FAST Act and other federal funding sources, as well as locally-funded projects that are regionally-significant in nature. The financially constrained portion of this RTIP applies only to the jurisdictions in the RPA-18 Transportation Study area. This area includes Harrison, Mills and Shelby counties, as well as the non- MPO portion of Pottawattamie County in Iowa.

Financial constraint, as applicable to this RTIP, will apply to the following federal funding sources under FAST Act and local funding efforts:

- Regional Surface Transportation Block Grant (STBG).
- Vehicle Use Tax, Farm - to - Market program, Secondary Road Fund, city street programs and uniquely local sources (bond issues, tax increment financing, local property tax, and other local funding sources).

All other federal funding categories identified in FAST Act, and state transportation funds originating from the Iowa Department of Transportation are assumed to be constrained as part of the Iowa Statewide Transportation Improvement Program. Funding originating from local jurisdictions is identified and assumed to be in amounts adequate to meet the local match for federal funds that are obligated for local projects and to fund non-federal local projects, as well as operation and maintenance costs incurred for the local systems.

Year of Expenditure Reporting

Per regulations contained in the FAST Act, project costs need to be identified as those in the year in which they are to be expended. To that end, costs identified in fiscal years FY2022 and beyond are calculated based on an inflation factor of 4 percent per year. Project sponsors are responsible for submitting project costs in year of expenditure dollars. In the case of cities over 5,000 in population, RPA-18 staff calculates YOY.

Operations and Maintenance Costs

MAP-21 states that fiscal constraint encompasses operation and maintenance of the system, as well as capital projects. The financial plans that support the planning processes must assess capital investment and other measures necessary to ensure the preservation of the existing transportation system, including requirements for operational improvements, resurfacing, restoration, and rehabilitation of existing and future major roadways, as well as operations, maintenance, modernization, and rehabilitation of existing and future transit facilities. To support this assessment, the Iowa DOT expects that the RPA will provide credible cost estimates. The RPA-18 will adjust the operation and maintenance from year to year, based on community desires and requirements established through an open transportation planning process. Line items containing Operations and maintenance costs are included in the RTIP under RPA-18 O&M.

Illustrative Projects

Projects may be identified in the RTIP as illustrative. Illustrative projects maintain a placeholder position in the RTIP that shows the overall needs of the region, but have no funding available at this time. Illustrative projects will be accomplished if and when federal, state and/or local funds become available to accomplish the project. Since no funding is guaranteed for illustrative projects, they are not included in the financial constraint assessment.

Conclusion

Given the existing methodology, this FY 2022– FY 2025 Regional Transportation Improvement Program meets fiscal constraint requirements.

Table 1: FY2022-2025 RPA-18 Surface Transportation Block Grant (STBG) Fiscal Constraint

(FY 2022-FY 2024 are Iowa DOT Projections)	RPA-18 Regional STBG				
	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
STBG Balance (Carryover)	\$1,076,000	\$1,469,000	\$1,698,702	\$1,584,702	\$1,775,702
STBG Funding Target	\$1,656,586	\$1,616,540	\$1,586,540	\$1,586,540	\$1,586,540
TAP Flex Target	\$61,000	\$61,000	\$61,000	\$61,000	\$61,000
Subtotal	\$2,793,586	\$3,085,540	\$3,285,242	\$3,171,242	\$3,362,242
Transfer TAP Flex to TAP	-\$61,000	-\$61,000	-\$61,000	-\$61,000	-\$61,000
Total Funds Available for Programming	\$2,732,586	\$3,086,000	\$3,272,000	\$3,158,000	\$3,362,000
Programmed STBG Funds	\$3,400,000	\$1,400,000	\$1,700,000	\$1,395,000	\$3,329,000
Balance of STBG Funds (Carryover)	\$1,482,000	\$1,698,702	\$1,584,702	\$1,775,702	\$32,702

Table 2: FY2022-25 RPA-18 Iowa Transportation Alternatives Program (TAP) Fiscal Constraint

(FY2019-FY2021 are Iowa DOT Projections)	RPA-18 Federal TAP Funds				
		FY 2022	FY 2023	FY 2024	FY 2025
TAP Balance (Carryover)		\$92,108	\$32,050	\$59,050	\$127,050
TAP Target		\$78,942	\$79,000	\$79,000	\$79,000
TAP Flex Transfer (From STBG)		\$61,000	\$61,000	\$61,000	\$62,000
Subtotal		\$232,050	\$172,050	\$199,050	\$268,050
Total TAP Funds Programmed		\$200,000	\$113,000	\$72,000	\$0
Balance of TAP Funds (Carryover)		\$32,050	\$59,050	\$127,050	\$268,050

Table 3: FY2022-25 Local Non-Federal-Aid Revenues

(Projections based on 2.0% increase per year.)	RPA-18 Forecast Non Federal-Aid Revenues				
	FY2020 Receipts	FY 2022	FY 2023	FY 2024	FY 2025
Farm to Market	\$5,302,659	\$5,516,886	\$5,627,224	\$5,739,769	\$5,854,564
Secondary Road Fund	\$34,047,666	\$35,423,192	\$36,131,656	\$36,854,289	\$37,591,374
City Street Fund	\$9,767,423	\$10,162,027	\$10,365,267	\$10,572,573	\$10,784,024
Total Non Federal-Aid Revenues		\$51,102,105	\$52,124,147	\$53,166,630	\$54,229,963

Table 4: FY2022-25 Operations & Maintenance (O&M) Costs for Local Jurisdictions

(Projections based on 2.30% increase per year.)	RPA-18 Forecast O&M Expenditures on Federal-Aid Routes				
	FY 2020	FY 2022	FY 2023	FY 2024	FY 2025
County Operations	\$4,152,237	\$4,345,436	\$4,445,381	\$4,547,625	\$4,652,221
County Maintenance	\$9,135,447	\$9,560,510	\$9,780,402	\$10,005,351	\$10,235,474
City Operations	\$271,337	\$283,963	\$290,494	\$297,175	\$304,010
City Maintenance	\$412,466	\$431,658	\$441,586	\$451,743	\$462,133
Total Operations and Maintenance on Federal-Aid Routes		\$14,621,567	\$14,957,863	\$15,301,894	\$15,653,838

Table 5: RPA-18 Federal Funding by Program by Year, FY2022-2025

FY 2022	<u>Total Project Cost by Funding Category</u>			
	Total Cost	Federal Aid	Regional Share	SWAP
NHPP - National Highway Performance Program	\$16,528,000	\$14,434,900	\$0	\$0
STBG - Surface Transportation Block Grant	\$9,279,000	\$7,423,200	\$0	\$0
STBG-SWAP - Surface Transportation Block Grant	\$1,400,000	\$0	\$0	\$1,400,000
STBG - HBP-Highway Bridge Program	\$3,702,000	\$3,702,000	\$0	\$0
SWAP-HBP - SWAP Highway Bridge	\$3,375,000	\$0	\$0	\$3,375,000
STBG-TAP - Iowa Transportation Alternatives Program	\$936,000	\$200,000	\$200,000	\$0

FY 2023	<u>Total Project Cost by Funding Category</u>			
	Total Cost	Federal Aid	Regional Share	SWAP
NHPP - National Highway Performance Program	\$3,713,000	\$2,970,400	\$0	\$0
STBG - Surface Transportation Block Grant	\$0	\$0	\$0	\$0
STBG-SWAP - Surface Transportation Block Grant	\$1,700,000	\$0	\$0	\$1,700,000
STBG - HBP-Highway Bridge Program	\$0	\$0	\$0	\$0
SWAP-HBP - SWAP Highway Bridge	\$2,100,000	\$0	\$0	\$2,100,000
STBG-TAP - Iowa Transportation Alternatives Program	\$141,000	\$113,000	\$113,000	\$0

FY 2024	<u>Total Project Cost by Funding Category</u>			
	Total Cost	Federal Aid	Regional Share	SWAP
NHPP - National Highway Performance Program	\$8,160,000	\$6,664,000	\$0	\$0
STBG - Surface Transportation Block Grant	\$0	\$0	\$0	\$0
STBG-SWAP - Surface Transportation Block Grant	\$1,395,000	\$0	\$0	\$1,395,000
STBG-HBP-Highway Bridge Program	\$0	\$0	\$0	\$0
SWAP-HBP - SWAP Highway Bridge	\$910,000	\$0	\$0	\$910,000
STBG-TAP - Iowa Transportation Alternatives Program	\$1,183,000	\$72,000	\$72,000	\$0

FY 2025	<u>Total Project Cost by Funding Category</u>			
	Total Cost	Federal Aid	Regional Share	SWAP
NHPP - National Highway Performance Program	\$73,337,000	\$59,584,500	\$0	\$0
STBG-Surface Transportation Block Grant	\$0	\$0	\$0	\$0
STBG-SWAP - Surface Transportation Block Grant	\$3,329,000	\$0	\$0	\$3,329,000
STBG-HBP - Highway Bridge Program	\$0	\$0	\$0	\$0
SWAP-HBP - SWAP Highway Bridge	\$2,100,000	\$0	\$0	\$2,100,000
STBG-TAP - Iowa Transportation Alternatives Program	\$0	\$0	\$0	\$0