

**AMES AREA METROPOLITAN PLANNING ORGANIZATION
TRANSPORTATION POLICY COMMITTEE ACTION FORM**

**SUBJECT: FINAL FISCAL YEAR 2016 – 2019 TRANSPORTATION
IMPROVEMENT PROGRAM**

BACKGROUND:

In order to receive federal funds for transportation improvement projects, it is necessary for the projects to be part of the approved Iowa Department of Transportation State Transportation Improvement Program (STIP). The initial step in this process is for the AAMPO to develop a draft Transportation Improvement Plan (TIP). Regulations require the TIP to include transportation projects for the next four years.

The attached plan includes projects consisting of street improvements, CyRide improvements and trail projects. These projects are also reflected in the City of Ames 2015 – 2020 Capital Improvements Plan (CIP). The only new project (added for fiscal year 2019) is programming surface transportation program (STP) funds for the next Long Range Transportation Plan (LRTP). A public input session was held on April 30, 2015, to provide an opportunity for the public to discuss the FY 2016 – 2019 TIP with staff and provide comments. No revisions were requested by the public. The approved TIP document is to be submitted to the Iowa Department of Transportation.

ALTERNATIVES:

1. Approve the final FY 2016 – 2019 Transportation Improvement Program for submission to the Iowa Department of Transportation.
2. Approve the final FY 2016 – 2019 Transportation Improvement Program with Transportation Policy Committee modifications for submission to the Iowa Department of Transportation

ADMINISTRATOR'S RECOMMENDATION:

The Ames Area MPO Transportation Technical Committee has unanimously recommended approval of this plan. At the public input session, no revisions were requested by the public.

Therefore, it is recommended by the Administrator that the Transportation Policy Committee adopt Alternative No. 1, as noted above.



TRANSPORTATION IMPROVEMENT PROGRAM

FY 2016 – 2019

**FINAL
JULY 14, 2015**

The Ames Area MPO prepared this report with funding from the U.S. Department of Transportation's Federal Highway Administration and Federal Transit Administration, and in part through local matching funds of the Ames Area MPO member governments. These contents are the responsibility of the Ames Area MPO. The U.S. government and its agencies assume no liability for the contents of this report or for the use of its contents. The Ames Area MPO approved this document on 14, July, 2015. Please call (515) 239.5160 to obtain permission to use.

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Federal Highway Administration Section

Project Selection

The Ames Area Metropolitan Planning Organization (AAMPO) uses an project selection criteria system as a means of prioritizing submitted projects. All projects submitted to the AAMPO for inclusion in the Transportation Improvement Program (TIP) are reviewed by staff and the Transportation Technical Committee (TTC) and Transportation Policy Committee (TPC). Projects are programmed in the TIP by approval of the TPC based on the recommendation of the TTC and staff.

Projects are prioritized based on public input, need and financial availability. Factors identified in the Long Range Transportation Plan (LRTP) are used as tools to help determine those projects selected and their respective priority. In addition to the LRTP tools, highway capacity improvement projects are selected using Level of Service criteria; rehabilitation and reconstruction projects are selected based upon pavement condition index and field review. A STP application form shall be submitted along with all STP projects to be considered to receive federal-aid funding. This form can be requested from the Ames Area MPO staff or downloaded from the Ames Area MPO website at www.aampo.org.

Transportation Alternative Projects (TAP) consists mainly of open space trails that have been developed during the public involvement process for the Long Range Transportation Plan (LRTP) update. Trail segments shown in the plan are sized proportionately based upon estimated construction costs. A TAP application form shall be submitted along with all TAP projects to be considered to receive federal-aid funding. Submitted projects are then ranked with the following criterion: connectivity with existing facilities, cost in relation to public benefit, enhancement to existing transportation system, and identified in the long range transportation plan. The ranked list is then discussed and may be revised during the TIP development process. This form can be requested from the Ames Area MPO staff or downloaded from the Ames Area MPO website at www.aampo.org.

Bridge projects consist of necessary repairs recommended by the biennial Iowa Department of Transportation (IDOT) bridge inspections. The IDOT requires these inspections for bridges within the local jurisdictions of the Ames Area MPO. A Candidate List is created by the IDOT Office of Systems Planning based on priority points ranking. Local agencies and the Ames Area MPO work with the IDOT on programming necessary bridge projects based on priority and available funding.

The Transit Board selects operating projects for CyRide as identified in the approved Passenger Transportation Plan (PTP), which serves as a needs assessment for all regional human and health service agencies. The Transit Board also approves matching funds for capital projects based upon identified route expansions.

All projects are consistent with the approved 2035 Long Range Transportation Plan adopted on October 12, 2010.

Ames Area MPO FY 2016 – 2019 Transportation Improvement Program

FY 2015 Project Status Report

TPMS #	Project Number	Location	Type of Work	Status	Total Project Cost	Total Federal Aid	Sponsor
1948	STP-E-0155(S DUFF)--8V-85	In the City of Ames, S DUFF AVE: From Squaw Creek to South 5th Street	Ped/Bike Grade & Pave	FHWA Approved - Project Delayed; Roll Over Funding	\$ 100,000	\$ 70,000	City of Ames
19248	STP-U-0155()-70-85	24TH ST AND BLOOMINGTON RD: 24th St. (UPRR tracks to Northwestern Ave.) and Bloomington Rd. (Eisenhower Ave. to west 500 ft.)	Pavement Rehab	Authorized - 2015 Construction	\$ 1,832,000	\$ 1,292,000	City of Ames
22052	BRFN-030()-39-85	US30: US 69/BIKE PATH IN AMES (EB)	Bridge Deck Overlay	June 2015 Letting	\$ 456,000	\$ -	IDOT Dist. 1
14982	STP-E-0155(682)--8V-85	In the City of Ames, Skunk River Trail: From East Lincoln Way to S. River Valley Park	Ped/Bike Grade & Pave	FHWA Approved - 11/17/2015 Letting	\$ 790,000	\$ 360,000	City of Ames
15628	STP-E-C085(100)--8V-85	Gilbert to Ames Trail: Trail connection from Gilbert, Iowa to Ames, Iowa	Ped/Bike ROW	FHWA Approved - Roll over Funding	\$ 983,000	\$ 62,000	Story CCB
32331	IHSIPX-035()-08-85	On I-35, from US30 to County Road E15	Guardrail	Authorized	\$ 2,769,000	\$ 2,492,000	IDOT Dist. 1
30892	IMN-035-5(107)--0E-85	On I-35, from 13th Street interchange in Ames to County Road D65 Interchange at Randall (Various Locations)	Pavement Rehab	January 2015 Letting	\$ 1,500,000	\$ -	IDOT Dist. 1
29713	BRM-0155(685)--8N-85	In the City of Ames, On 6th Street, Over Squaw Creek	Bridge Replacement	December 2015 Letting / 2016 Construction	\$ 2,425,000	\$ 1,000,000	City of Ames
16103	RGPL-PA22(RTP)--ST-85	Ames MPO Planning: STP Funds for Transportation Planning	Trans Planning	Authorized - October 2015 completion	\$ 305,000	\$ 320,000	AAMPO

Ames Area MPO FY 2016 – 2019 Transportation Improvement Program

Fiscal Constraint

The Ames Area MPO FY 2016 programming targets are \$1,553,916 for STP, \$86,914 for TAP, and \$66,323 for TAP Flex. The project costs shown in the TIP are in year of expenditure dollars. This is accomplished by developing an estimate of costs in the current bidding environment and then applying an inflation factor of 4% per year. The Ames City Council has programmed these projects in the City of Ames 2015-2020 Capital Improvement Program for the local funding allocation. These funds are generated from the City of Ames annual Road Use Tax Fund (RUTF) distribution, Local Option Sales Tax, and General Obligation (GO) Bonds. The transit program does not have targets, and thus the requests involve significant costs in the anticipation of maximizing the amounts received.

Financial Constraint Summary Tables

Federal Aid Program	2016		2017		2018		2019	
	Total Cost	Federal Aid	Total Cost	Federal Aid	Total Cost	Federal Aid	Total Cost	Federal Aid
Surface Transportation Program (STP)	\$1,740,000	\$1,060,000	\$2,867,000	\$1,292,000	\$6,230,000	\$1,760,000	\$7,000,000	\$1,700,000
Highway Bridge Replacement (STP-HBP)	\$3,320,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Transportation Alternatives Program (TAP)	\$1,804,000	\$492,000	\$835,000	\$240,000	\$521,000	\$160,000	\$586,000	\$140,000
National Highway Performance Program (NHPP)	\$100,000	\$0	\$11,634,000	\$10,471,000	\$4,358,000	\$3,922,000	\$312,000	\$0
Primary Road Funds (PRF)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

	2016	2017	2018	2019
Unobligated Balance (Carryover)	\$4,202,886	\$4,763,125	\$5,091,125	\$4,951,125
Region STP Target	\$1,553,916	\$1,554,000	\$1,554,000	\$1,554,000
Region TAP Flex Target	\$66,323	\$66,000	\$66,000	\$66,000
Subtotal	\$5,823,125	\$6,383,125	\$6,711,125	\$6,571,125
Programmed STP Funds	\$1,060,000	\$1,292,000	\$1,760,000	\$1,700,000
Balance	\$4,763,125	\$5,091,125	\$4,951,125	\$4,871,125

	2016	2017	2018	2019
Unobligated Balance (Carryover)	\$882,101	\$477,015	\$324,015	\$251,015
Region TAP Target	\$86,914	\$87,000	\$87,000	\$87,000
TAP Flex Target	\$0	\$0	\$0	\$3,000
Subtotal	\$969,015	\$564,015	\$411,015	\$341,015
Programmed TAP Funds	\$492,000	\$240,000	\$160,000	\$140,000
Balance	\$477,015	\$324,015	\$251,015	\$201,015

	2014	2015	2016	2017	2018	2019
City of Ames Total Operations	\$497,831	\$517,744	\$538,454	\$559,992	\$582,392	\$605,688
City of Ames Total Maintenance	\$1,083,587	\$1,126,930	\$1,172,008	\$1,218,888	\$1,267,644	\$1,318,349
City of Gilbert Total Operations	\$2,121	\$2,206	\$2,294	\$2,386	\$2,481	\$2,581
City of Gilbert Total Maintenance	\$23,042	\$23,964	\$24,922	\$25,919	\$26,956	\$28,034
Total O&M	\$1,606,581	\$1,670,844	\$1,737,678	\$1,807,185	\$1,879,473	\$1,954,651

	2014	2015	2016	2017	2018	2019
City of Ames Total RUTF Receipts	\$5,887,876	\$6,123,391	\$6,368,327	\$6,623,060	\$6,887,982	\$7,163,501
City of Ames Total Other Road Monies Receipts	\$4,598,234	\$4,782,163	\$4,973,450	\$5,172,388	\$5,379,283	\$5,594,455
City of Ames Total Receipts Service Debt	\$5,743,422	\$5,973,159	\$6,212,085	\$6,460,569	\$6,718,991	\$6,987,751
City of Gilbert Total RUTF Receipts	\$108,042	\$112,364	\$116,858	\$121,533	\$126,394	\$131,450
City of Gilbert Total Other Road Monies Receipts	\$15,204	\$15,812	\$16,445	\$17,102	\$17,787	\$18,498
City of Gilbert Total Receipts Service Debt	\$0	\$0	\$0	\$0	\$0	\$0
Total Non-Federal Aid Road Fund Receipts	\$16,352,778	\$17,006,889	\$17,687,165	\$18,394,651	\$19,130,437	\$19,895,655

Network Operations and Maintenance

The capital investment and other measures necessary to preserve the existing transportation system, as well as operations, maintenance, modernization, and rehabilitation of existing and future transportation facilities are annually reviewed and programmed. Preservation, operating, and maintenance costs are included as a priority for funding. Maintenance and rehabilitation projects are also included in the AAMPO LRTP. In addition to STP funding, the City of Ames utilizes RUTF, Local Option Sales Tax, and General Obligation funding for system preservation projects. A program is also included in the City of Ames 2014-2019 CIP to address shared use path maintenance. The LRTP and Land Use Policy Plan (LUPP) both use an intersection efficiency standard of Level of Service (LOS) C.

Public Participation Process

The draft Transportation Improvement Program follows a process of Transportation Technical Committee review on April 13, 2015; two public meetings held at the Ames City Hall (April 30, 2015 and June 30, 2015); Transportation Policy Committee draft review (May 26, 2015); and a Transportation Policy Committee public hearing on July 14, 2015. Postings for meetings are performed in accordance with our approved Public Participation Plan.

Draft documents are available on the Ames Area MPO website at www.aampo.org and include a map of roadway projects by programmed fiscal year. Notice of meetings were posted at the Ames City Hall and on the Ames Area MPO website as 'News'. In addition, projects are available for public review and comment through the City of Ames Capital Improvement Program process.

Title VI Compliance

The Ames Area MPO adheres to the City of Ames's Title VI of the Civil Rights Act of 1964 Compliance Plan. The AAMPO carries out its transportation planning processes without regard to race, color, or national origin. The Compliance Plan provides information on the Ames Area MPO Title VI compliance policies, complaint procedures, and a form to initiate the complaint process for use by members of the public. For more information or to file a complaint or concern, please contact the AAMPO Administrator at the City of Ames Public Works Administration Office at 515-239-5160.

Self Certification

The AAMPO Policy Committee certified that transportation planning activities in the Ames metropolitan area are being carried out in accordance with governing Federal regulations, policies and procedures. This certification was at the meeting on March 25, 2014. A copy of the document is attached in Appendix C.

News

Amendment to the FY15-18 Transportation Improvement Program is Available for Public Comment
June, 26, 2015 10:45 AM

Ames Area MPO Hosts Online Open House for Public to Comment on Candidate Projects
June, 09, 2015 12:45 PM

Draft FY16-19 Transportation Improvement Program is Available for Public Comment
May, 22, 2015 1:00 AM

[More >](#)

Events

Public Meeting
6/30/2015 | 12:00 PM - 1:00 PM

Transportation Policy Committee Meeting
7/14/2015 | 6:00 PM - 6:30 PM

Central Iowa Bicycle-Pedestrian Roundtable
7/21/2015 | 12:00 PM - 1:00 PM

Central Iowa Bicycle-Pedestrian Roundtable
8/18/2015

Transportation Policy Committee Meeting
8/25/2015 | 6:00 PM - 6:30 PM

[More >](#)

1 Website Notices

Revising the TIP

Often after development and subsequent adoption of the TIP, changes may need to be made to the list of programmed projects. Examples of changes might be adding or deleting projects, moving a project between years in the TIP, adjusting project cost, or changing the vehicle numbers of transit vehicles.

A major requirement of a project receiving Federal transportation funds is for the project to be included in the TIP and Statewide Transportation Improvement Program. Once a project has received Federal Authorization for construction it does not need to be included in the TIP. This is one of two major reasons for adding or deleting a project from the TIP. The other major reason for adding a project is the awarding of a grant or earmark for a project, which can happen throughout the year.

Changes to the TIP are classified as either “amendments” or “administrative modifications”.

Amendments

Amendments are major changes involving the following:

- **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 TIP.
- **Funding Source** – projects receiving additional federal funding sources.
- **Scope Changes** – changing the project termini, project alignment, the amount of through traffic lanes, type of work from an overlay to reconstruction, or a change to include widening of the roadway.

Amendments are presented to the Policy Committee and a public comment period is opened, which lasts until the next Policy Committee meeting (the Policy Committee meets on an as needed basis, giving a 3-4 week public comment period). Public comments are shared at this meeting with the Policy Committee and action is taken to approve the amendment.

Administrative Modifications

Administrative Modifications are minor changes involving the following:

- **Project Cost** – projects in which the recalculated project costs do not increase federal aid by more than 30 percent or do not increase total federal aid by more than \$2 million from the original amount
- **Schedule Changes** – changes in schedules to projects included in the first four years of the TIP
- **Funding Source** – changing funding from one source to another
- **Scope Changes** – all changes to the project’s scope

Administrative modifications and amendments are subject to different AAMPO Policy Committee and public review procedures. Administrative modifications are processed internally and are shared with the Policy Committee and the public as informational items.

Federal Transit Administration Section

FY 2016 TIP FTA Project Justification

The following transit projects identified within the draft FY2016-2019 TIP were included within the 2016 Passenger Transportation Plan (PTP) Update, meeting the requirements to have the Enhanced Mobility for Seniors and individuals with Disabilities formulized federal funding within an approved PTP prior to TIP approval. The following narrative describes the projects within the initial year of the plan.

General Operations: This funding supports the day-to-day transit operations of the Ames Transit Authority from Ames' urbanized area federal apportionment, Transit Intensive Cities, and State Transit Assistance funding.

Contracted Paratransit (Dial-A-Ride) Service: According to federal regulations, public transit agencies providing fixed-route transit service in their community must also provide door-to-door transportation service within a ¼ mile area of that fixed-route service. Therefore, CyRide purchases transportation service for its Dial-A-Ride operations in order to meet this ADA requirement. This requirement has been expanded to the entire city limits of Ames.

Associated Transit Improvements: CyRide developed a Bus Stop Plan that recommended an implementation plan for bus stop amenities along CyRide's fixed-route system. From the prioritization of recommended stop improvements, concrete pads will be added for easier boarding/alighting during inclement weather as well as replacing bus shelters with lighted bus shelters to improve the accessibility for patrons and CyRide's image throughout the Ames community. In February 2013, CyRide launched Nextbus allowing passengers to obtain real-time information of the next buses coming to a particular bus stop. The information can be obtained on CyRide's website, by texting or calling or via LED digital signs at the bus stop. CyRide envisions additional LED digital signage signs next to high ridership stops throughout the Ames community.

Heavy Duty Bus Replacement: Eight buses have exceeded FTA guidelines for useful life. Bus numbers are 00716, 00715, 00711, 00712, 00713, 00717, 00742 and 00743. These units will be replaced with 40' heavy-duty buses, equipped with cameras. These replacement vehicles will be ADA accessible.

Light Duty Bus Replacement: One bus has exceeded FTA guidelines for useful life. The bus number is 7640 which CyRide leases to Heart of Iowa Regional Transit Agency to operate its ADA complimentary service (Dial-A-Ride). This unit will be replaced with another light-duty bus, equipped with cameras. This replacement vehicle will be ADA accessible.

Blue Route (Sunday): In 2014-2015, CyRide doubled its frequency on the Sunday Blue route to 20-minute intervals between 11:00 am and 5:00 pm. The route previously operated at 40-minute intervals. One bus was added on Sundays to serve a portion of the route between ISU campus and the Wal-Mart on South Duff Avenue. This additional frequency helps reduce overcrowding and on-time performance issues experienced on the route. Additionally, this change will improve service by decreasing wait times for customers. Many trips along this portion of the route on Sunday consistently exceeded 60 passengers per bus, which is standing capacity. The seated capacity is 39 passengers. CyRide is requesting the third year of this project through Iowa's Clean Air Attainment Program (ICAA) funding.

Brown/Green Route (Weekday): In 2014-2015, CyRide added two additional buses along the Brown Route and one bus to the Green route each weekday between 11:30am and 6:00pm. Ridership has grown on both these corridors to the point where overcrowding occurs and buses are having a difficult time staying on time and buses are exceeding standing capacity. Ridership on the Brown route has grown by more than 45% over the past three years due to the influx of students to apartments north of Somerset and full utilization of the Wallace/Wilson Residence Halls. An added benefit of this change is that the Brown/Green routes will now be able to meet other buses (Red and Blue routes) to make transfers allowing customers to switch between buses to travel to other areas of campus or the city. Previously, the Brown route bus arrived several minutes after the other route buses have left, causing customers to wait almost 20 more minutes until their next bus arrives. CyRide is requesting the third year of this project through Iowa's Clean Air Attainment Program (ICAA) funding.

Heavy Duty Bus (2) Expansion: As stated above, CyRide added three buses to its Brown/Green routes in 2014-2015 for increased frequency on the Brown/Green routes but only requested two buses for expansion within the last ICAAP application. CyRide plans to request one more additional heavy-duty bus this year for these routes to expand its fleet for service on the Brown/Green as is needed for this additional frequency. CyRide is currently struggling to maintain a sufficient spare ratio and is utilizing used buses that are well past their useful life to expand this service in the interim. The Federal Transit Administration recommends a 20% spare ratio.

Additionally, CyRide plans to request another heavy-duty bus this year for the new #9 Plum Route. CyRide will operate a total of two buses on this route beginning its first year in August 2015. CyRide is currently struggling to maintain a sufficient spare ratio and is utilizing used buses that are well past their useful life to expand this service in the interim. The Federal Transit Administration recommends a 20% spare ratio.

Both these expansion buses will also be a 40' heavy-duty buses, equipped with cameras and will be ADA accessible.

Plum Route (Weekday): CyRide is planning a new route called the #9 Plum Route that will operate 20-minute service on ISU class weekdays between S. 16th/Duff and Iowa State University campus. The #9 Plum route will serve the high residential areas (The Grove, Laverne, Pleasant Run and Copper Beech) along S. 16th Street. This route also provide access to the commercial district near the intersection of S. 16th/Duff including Mid-Iowa Community Action and Community and Family Resources just east of this intersection. The route will travel as follows: 16th St – University Blvd – Wallace – Osborn – Bissell – Union (past the Memorial Union & Knoll) – Lincoln Way – University – S. 16th – Buckeye. CyRide is requesting the second and third year of this project through Iowa's Clean Air Attainment Program (ICAA) funding at 50 percent.

Appendix A: FY 2016 – 19 TIP TPMS Printouts

Draft TIP (2016)

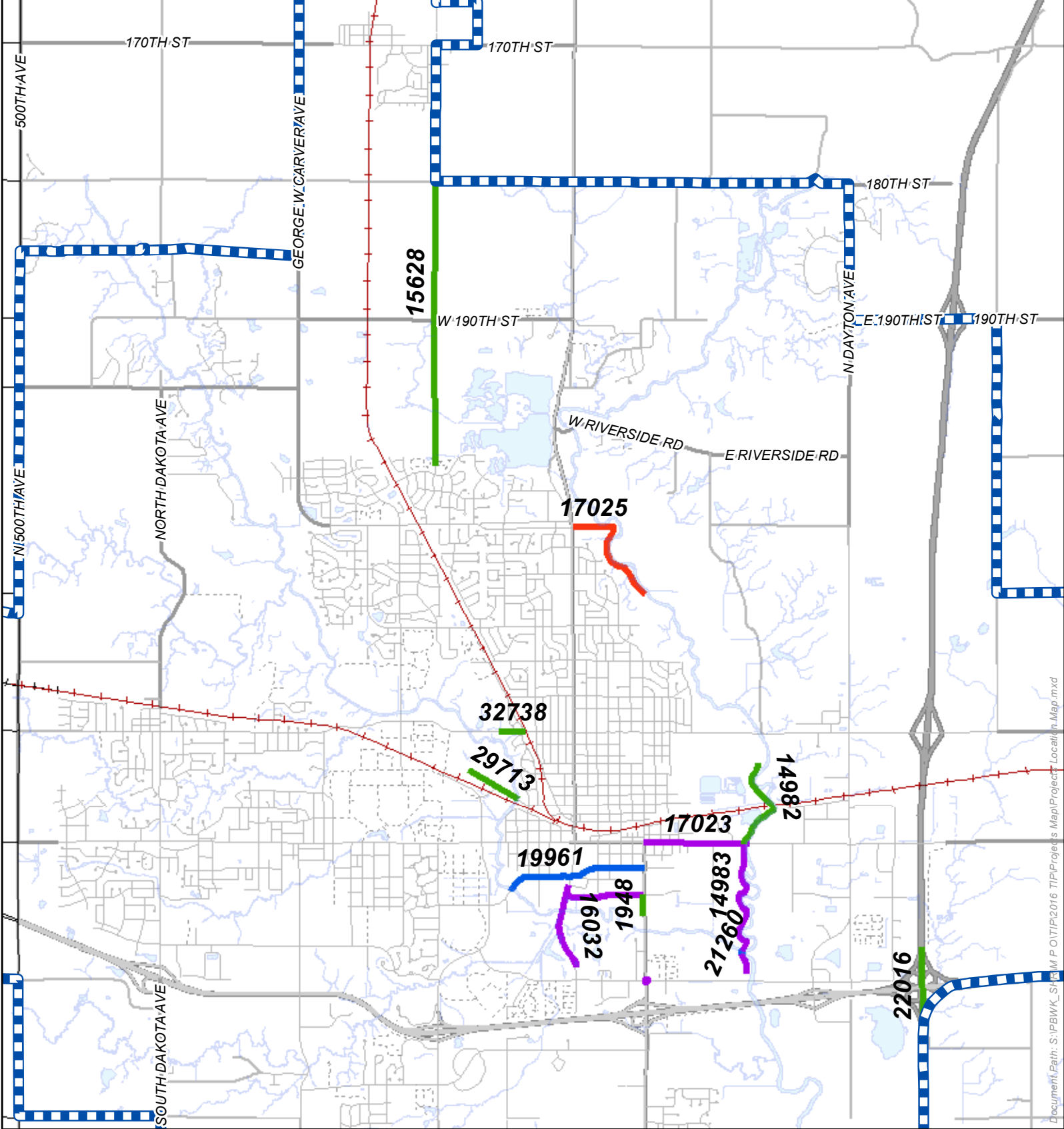
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MPO-22 / AAMPO

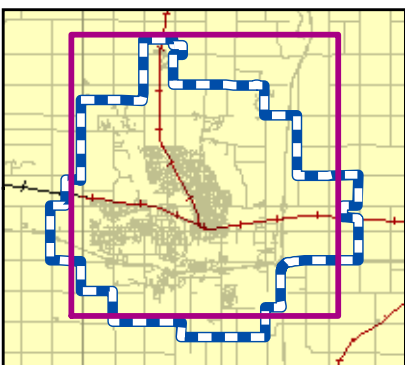
2016 - 2019 Transportation Improvement Program






TPMS Sponsor Appr. Status	Project # Location Funding Program	Length FHWA# S.T.R		Pgm'd Amounts in 1000's				Total	STIP#
				FY16	FY17	FY18	FY19		
STP - Surface Transportation Program									
Story - 85									
32738 Ames	STP-U-0155(13TH)--70-85 In the city of Ames, On 13TH ST, from ISU/Ames jurisdiction limit east .184 Miles to Union Pacific Railroad	0.184 MI --	Project Total Federal Aid	1,460 1,060	0 0	0 0	0 0	1,460 1,060	
Draft TIP Approved	Pavement Rehab	0:0:00	Regional FA	1,060	0	0	0	1,060	--
16032 Ames	STP-U-0155(690)--70-85 DOT Letting: 11/15/2016 GRAND AVE: S Grand Ave: 0.1 miles north of S. 16th Street to Squaw Creek Dr / S 5th St:S Grand Ave to S Duff Ave / S 16th & S Duff Ave Intersection	0.652 MI --	Project Total Federal Aid	280 0	1,000 0	4,650 700	6,500 1,300	12,430 2,000	
Draft TIP Approved	Grade and Pave,Bridge New	--	Regional FA	0	0	700	1,300	2,000	--
PA NOTE: Total Project Cost \$17,730,000 through FY19/20									
19961 Ames	STP-U-0155(S 3RD / S 4TH)--70-85 In the City of Ames, S 3RD ST / S 4TH ST: From Squaw Creek to South Duff Avenue	2.02 --	Project Total Federal Aid	0 0	1,867 1,292	0 0	0 0	1,867 1,292	
Draft TIP Approved	Pavement Rehab	0:0:00	Regional FA	0	1,292	0	0	1,292	--
17023 Ames	STP-U-0155(ELW)--70-85 In the City of Ames, E LINCOLN WAY: From South Duff Avenue to and including South Skunk River Bridge	1.11 MI --	Project Total Federal Aid	0 0	0 0	1,580 1,060	0 0	1,580 1,060	
Draft TIP Approved	Pavement Rehab	0:0:00	Regional FA	0	0	1,060	0	1,060	--
16103 MPO-22 / AAMPO	RGPL-PA22(LRTP)--ST-85 Ames MPO Planning: STP Funds for Transportation Planning	0 MI --	Project Total Federal Aid	0 0	0 0	0 0	500 400	500 400	
Draft TIP Approved	Trans Planning	--	Regional FA	0	0	0	400	400	--
NHPP - National Highway Performance Program									
Story - 85									
22016 [NBIS: 49210] DOT-D01-MPO22	IM--35()--13-85 I35: US 30 INTERCHANGE IN AMES	0.503 49210	Project Total Federal Aid	100 0	11,634 10,471	4,358 3,922	312 0	16,404 14,393	
Draft TIP Approved	Pave,Bridge New,Grading	--	Regional FA	0	0	0	0	0	--
TAP - Transportation Alternatives									
Story - 85									
1948 Ames	STP-E-0155(S DUFF)--8V-85 In the City of Ames, S DUFF AVE: From Squaw Creek to South 5th Street	0.16 MI --	Project Total Federal Aid	100 70	0 0	0 0	0 0	100 70	
Draft TIP Approved	Ped/Bike Grade & Pave	0:0:00	Regional FA	70	0	0	0	70	--

TPMS Sponsor Appr. Status	Project # Location Funding Program	Length FHWA# S.T.R		Pgm'd Amounts in 1000's				Total	STIP#
				FY16	FY17	FY18	FY19		
Story - 85 (continued)									
14982 Ames Draft TIP Approved	TAP-U-0155(682)--8I-85 DOT Letting: 11/17/2015 In the City of Ames, Skunk River Trail: From East Lincoln Way to S. River Valley Park Ped/Bike Grade & Pave	0.635 MI -- --	Project Total Federal Aid Regional FA	721 360 360	0 0 0	0 0 0	0 0 0	721 360 360	--
15628 Story CCB Draft TIP Approved	STP-E-C085(100)--8V-85 Local Letting: 12/21/2021 Gilbert to Ames Trail: Trail connection from Gilbert, Iowa to Ames, Iowa Ped/Bike ROW	2.997 MI -- --	Project Total Federal Aid Regional FA	983 62 62	0 0 0	0 0 0	0 0 0	983 62 62	--
DOT NOTE: Project funded using CIRTPA TAP funds									
21260 Ames Draft TIP Approved	STP-E-0155(SE16TH)--8V-85 In the City of Ames, Skunk River Trail: From SE 16th Street to East Lincoln Way Ped/Bike Structures, Ped/Bike Miscellaneous	1.033 MI -- --	Project Total Federal Aid Regional FA	0 0 0	835 240 240	0 0 0	0 0 0	835 240 240	--
14983 Ames Draft TIP Approved	STP-E-0155(SE16th)--70-85 In the City of Ames, Skunk River Trail: From SE 16th Street to East Lincoln Way Ped/Bike Grade & Pave	1 MI -- --	Project Total Federal Aid Regional FA	0 0 0	0 0 0	521 160 160	0 0 0	521 160 160	--
17025 Ames Draft TIP Approved	STP-E-0155()--8V-85 In the city of Ames, Skunk River Trail: River Valley Park to Bloomington Road Ped/Bike Grade & Pave	0.75 MI -- --	Project Total Federal Aid Regional FA	0 0 0	0 0 0	0 0 0	586 140 140	586 140 140	--
PL - Metropolitan Planning									
Region Wide - 00									
34214 MPO-22 / AAMPO Draft TIP Approved	RGPL-PA22(RTP)--PL-00 VARIOUS Trans Planning	0 -- --	Project Total Federal Aid Regional FA	111 89 0	111 89 0	111 89 0	111 89 0	444 356 0	--

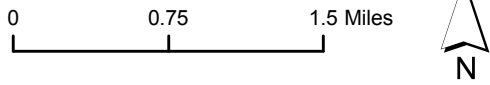


Document Path: S:\PBWK_SHEM_PO\TIP\2016_TIP\Projects_Map\Project_Location_Map.mxd



-  Ames Area MPO Boundary
- Program Year**
-  2016
-  2017
-  2018
-  2019

FY 2016 - 2019 TIP Project Location Map



Draft 2016 Transit Program

(Filtered)

MPO-22 / AAMPO (56 Projects)

Fund	Sponsor	Transit # Expense Class Project Type	Desc / Add Ons / Addnl Info		FY16	FY17	FY18	FY19
STA, 5307	Ames	914 Operations Misc	General Operations	Total	10,193,253	10,600,408	11,025,023	11,466,023
				FA	2,100,000	2,184,000	2,271,360	2,362,214
				SA	764,383	794,383	826,757	859,827
5310	Ames	919 Operations Misc	Contracted Paratransit Service	Total	256,454	266,712	277,380	288,475
				FA	205,163	213,370	221,904	230,780
				SA				
5310	Ames	920 Capital Replacement	Associated Transit Improvements	Total	50,000	50,000	50,000	50,000
				FA	40,000	40,000	40,000	40,000
				SA				
5339	Ames	3652 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00716	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3653 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00715	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3654 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00711	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3655 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00712	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3656 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00713	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3657 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00717	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3658 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00742	Total	455,000			
				FA	386,750			
				SA				
5339	Ames	3659 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00743	Total	455,000			
				FA	386,750			
				SA				
ICAAP	Ames	3662 Operations Expansion	Blue Route Sunday	Total	10,000	10,630		
				FA	8,177	8,504		
				SA				
ICAAP	Ames	3663 Operations Expansion	Brown/Green Weekday	Total	195,878	203,713		
				FA	156,702	162,970		
				SA				
ICAAP	Ames	3664 Operations Expansion	9 Plum Route Weekday	Total	241,020	248,250		
				FA	192,816	198,600		
				SA				
ICAAP	Ames	3665 Capital Expansion	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel	Total	455,000			
				FA	386,750			
				SA				

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Fund	Sponsor	Transit # Expense Class Project Type	Desc / Add Ons / Addnl Info		FY16	FY17	FY18	FY19
ICAAP	Ames	3666 Capital Expansion	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel	Total	455,000			
				FA	386,750			
				SA				
PTIG, 5309, 5339	Ames	3314 Capital Expansion	Maintenance Facility Expansion	Total		1,537,500	1,066,500	
				FA		430,000	853,200	
				SA		800,000		
5339	Ames	3315 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00954	Total		468,651		
				FA		398,353		
				SA				
5309	Ames	3317 Capital Rehabilitation	Maintenance Pits	Total		250,000		
				FA		200,000		
				SA				
5339	Ames	3651 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00741	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	945 Capital Expansion	Facility cameras/Proximity Card Access - 20 cameras/10 cards	Total		58,360		
				FA		46,688		
				SA				
5339	Ames	1905 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00714	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2434 Capital Replacement	Heavy Duty Bus (40-42 ft.) VSS, Low Floor, BioDiesel Unit #: 00953	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2437 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00956	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2439 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00958	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2444 Capital Expansion	Heavy Duty Bus (40-42 ft.) VSS, Low Floor, BioDiesel	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2445 Capital Expansion	Heavy Duty Bus (40-42 ft.) VSS, Low Floor, BioDiesel	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2446 Capital Expansion	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2447 Capital Expansion	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2448 Capital Replacement	Light Duty Bus (176" wb) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00334	Total		113,300		
				FA		96,305		
				SA				

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Fund	Sponsor	Transit # Expense Class Project Type	Desc / Add Ons / Addnl Info		FY16	FY17	FY18	FY19
5339	Ames	2449 Capital Replacement	Light Duty Bus (176" wb) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00335	Total		113,300		
				FA		96,305		
				SA				
5339	Ames	2450 Capital Replacement	Light Duty Bus (176" wb) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00336	Total		113,300		
				FA		96,305		
				SA				
5339	Ames	2451 Capital Replacement	Light Duty Bus (176" wb) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00333	Total		113,300		
				FA		96,305		
				SA				
5339	Ames	2452 Capital Replacement	Light Duty Bus (158" wb) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00337	Total		108,151		
				FA		91,928		
				SA				
5339	Ames	2453 Capital Replacement	Light Duty Bus (158" wb) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00338	Total		108,151		
				FA		91,928		
				SA				
5339	Ames	2834 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00740	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2835 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00739	Total		468,651		
				FA		398,353		
				SA				
5339	Ames	2438 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00957	Total			482,711	
				FA			410,304	
				SA				
5339	Ames	1900 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00976	Total			482,711	
				FA			410,304	
				SA				
5339	Ames	2435 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00977	Total			482,711	
				FA			410,304	
				SA				
5339	Ames	2436 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00955	Total			482,711	
				FA			410,304	
				SA				
PTIG	Ames	953 Capital Replacement	Re-roof Maintenance facility	Total			160,000	
				FA				
				SA			128,000	
5339	Ames	1891 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00970	Total			482,711	
				FA			410,304	
				SA				
5339	Ames	1894 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00972	Total			482,711	
				FA			410,304	
				SA				
5339	Ames	1898 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00974	Total			482,711	
				FA			410,304	
				SA				

MPO-22 / AAMPO (56 Projects)

Fund	Sponsor	Transit # Expense Class Project Type	Desc / Add Ons / Addnl Info		FY16	FY17	FY18	FY19
5339	Ames	2841 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00948	Total			482,711	
				FA			410,304	
				SA				
PTIG	Ames	3668 Capital Replacement	Bus Wash	Total			250,000	
				FA				
				SA			200,000	
5339	Ames	1899 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00975	Total				497,192
				FA				422,613
				SA				
5339	Ames	1895 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00973	Total				497,192
				FA				422,613
				SA				
5339	Ames	957 Capital Rehabilitation	Resurface ISC Commuter Parking	Total				1,000,000
				FA				720,000
				SA				
5339	Ames	1901 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00504	Total				497,192
				FA				422,613
				SA				
5339	Ames	2836 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00971	Total				497,192
				FA				422,613
				SA				
5339	Ames	2837 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00950	Total				497,192
				FA				422,613
				SA				
5339	Ames	2838 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00951	Total				497,192
				FA				422,613
				SA				
5339	Ames	2839 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00952	Total				497,192
				FA				422,613
				SA				
5339	Ames	2840 Capital Replacement	Heavy Duty Bus (40-42 ft.) Diesel, UFRC, VSS, Low Floor, BioDiesel Unit #: 00949	Total				497,192
				FA				422,613
				SA				

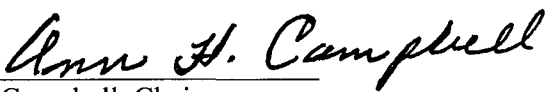
Appendix B: AAMPO Self Certification

AMES AREA METROPOLITAN PLANNING ORGANIZATION
ANNUAL SELF-CERTIFICATION

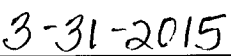
In accordance with 23 CFR 450.334, the STATE DEPARTMENT OF TRANSPORTATION and the Ames Area Metropolitan Planning Organization for the Ames, Iowa urbanized area(s) hereby certify that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- (1) 23 U.S.C. 134, 49 U.S.C. Section 5303, and 23 CFR Part 450;
- (2) In nonattainment and maintenance areas, Sections 174 and 176(c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506(c) and (d) and 40 CFR 93);
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- (4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex or age in employment or business opportunity;
- (5) Section 1101(b) of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (Pub. L. 109-59) regarding the involvement of Disadvantaged Business Enterprises in FHWA and FTA funded planning;
- (6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and USDOT implementing regulation;
- (8) Older Americans Act, as amended (42 U.S.C. 6101);
- (9) 23 U.S.C. 324, regarding prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 and 49 CFR Part 27, regarding discrimination against individuals with disabilities.

For AAMPO:



Ann Campbell, Chair
Transportation Policy Committee



Date

***Appendix C: Transportation Policy Committee Meeting
Minutes***