

TRANSPORTATION IMPROVEMENT PROGRAM

FY 2010 - FY 2013

FINAL

Revised: June 8, 2010

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:

Unn H. Campbell

Ann Campbell Policy Committee Chair 3-3-09

Date

AMES AREA METROPOLITAN PLANNING ORGANIZATION 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Selection

The Ames Area Metropolitan Planning Organization (AAMPO) Policy Committee adopted a project rating criteria system as a means of ranking submitted projects. The highest-ranking projects were then presented to the Technical Committee for review and recommendation. A recommendation was then passed on to the Policy Committee for action. Enhancement projects consist of open space trails that have been approved by the bike users and the Parks and Recreation Department.

All highway and enhancement projects are also available for public review and comment through the City of Ames Capital Improvement Plan (CIP) process. This involves public presentations and a formal public hearing before the Ames City Council.

The Transit Board has approved transit projects from CyRide.

Status of Previously Approved Projects

The Federal Fiscal Year 2009 highway element project, as approved in the 2009-2012 STIP, is the reconstruction of 13th Street from the Union Pacific Railroad overpass to Stange Road. This project is under design and will be let through the lowa Department of Transportation (IDOT) for construction during the fall of 2009 or summer of 2010.

The FY2009 enhancement element project is a shared use path along the west side of Skunk River from Hunziker Youth Sports Complex to SE 16th Street. This project will be designed during calendar year 2009 and then let through the IDOT for construction during the fall of 2009 or summer of 2010.

A table summarizing the status of all previously approved projects that are still active is included at the end of this section.

Fiscal Constraint

The AAMPO FY 2010 programming targets are \$1,070,253 for the highway element and \$80,776 for the enhancement element. 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 four percent per year. The Ames City Council has programmed these projects in the City of Ames 2009-2014 CIP for the local funding allocation. These funds are generated from the City's annual Road Use Tax distribution, Local Option Sales Tax, and General Obligation Bonds (see the table on the following page). 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

Ames MPO Federal-aid							
2010 2011 2012 2013							
STP Balance (Carryover)	\$2,141,007	\$700,260	\$699,513	\$698,766			
STP Target	\$1,070,253	\$1,070,253	\$1,070,253	\$1,070,253			
Total Available for Programming	\$3,211,260	\$1,770,513	\$1,769,766	\$1,769,019			
Total STP Programmed	\$2,511,000	\$1,071,000	\$1,071,000	\$1,071,000			
Balance of STP Funds	\$700,260	\$699,513	\$698,766	\$698,019			

Ames MPO Federal-aid							
2010 2011 2012 2013							
TE Balance (Carryover)	\$334,470	\$105,246	\$105,022	\$104,798			
TE Target	\$80,776	\$80,776	\$80,776	\$80,776			
Total Available for Programming	\$415,246	\$186,022	\$185,798	\$185,574			
Total TE Programmed	\$310,000	\$81,000	\$81,000	\$81,000			
Balance of TE Funds	\$105,246	\$105,022	\$104,798	\$104,574			

Ames MPO Forecasted Operations and Maintenance Expenditures on Federal-aid System						
	2010	2011	2012	2013		
City Operations	\$504,025	\$524,185	\$545,153	\$566,959		
City Maintenance	\$960,341	\$998,754	\$1,038,705	\$1,080,253		
Total Operations and Maintenance	\$1,464,365	\$1,522,940	\$1,583,857	\$1,647,212		

Network Operations and Management

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 Long Range Transportation Plan. In addition to STP funding, the City of Ames utilizes Road Use Tax, Local Option Sales Tax, and General Obligation funding for system preservation projects. A program is also included in the City of Ames 2009-2014 CIP to address shared use path maintenance. The LRTP and LUPP both use an intersection efficiency standard of LOS C.

Public Participation Process

A notice advising the public about the draft TIP and Transportation Planning Work Program (TPWP) reviewed by the AAMPO Technical Committee will be mailed to 43 neighborhood organization chairpersons, representatives of the Ames Main Street District, Campustown Action Association, NAACP, Friends of Central Iowa Biking, International Student Council at ISU, League of Women Voters, and others in accordance with our approved Public Participation Plan. In addition, as previously noted, projects are available for public review and comment through the City of Ames CIP process.

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 of March 3, 2009 (a copy of the document is attached, herewith).

Revising the TIP and STIP

Revisions are defined as changes to a TIP or STIP that occur between scheduled periodic updates. There are two types of changes that occur under the umbrella of "revision." The first is a major revision or "Amendment." The second is a minor revision or "Administrative Modification."

Amendment

An amendment is a revision to a TIP that involves a major change to a project included in the TIP/STIP. This includes an addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or scope (e.g. changing project termini or the number of through lanes). Any changes to projects included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment, re-demonstration of fiscal constraint, or a conformity determination (for metropolitan TIPs involving "non-exempt" projects in nonattainment and maintenance areas). Changes that affect fiscal constraint must take place by amendment to the TIP.

Administrative Modification

A minor revision to a TIP or STIP is an administrative modification. It includes minor changes/project phase costs, minor changes to funding sources of previously-included projects, and minor changes to project/project phase initiation dates. An administrative modification is a revision that does not require public review and comment, redemonstration of fiscal constraint, or a conformity determination (in nonattainment and maintenance areas).

Amendment vs. Administrative Modification

There are four main components that can be used to determine whether a project change constitutes an amendment or an administrative modification. They include the following:

Project costs-Determination will be made based on the percentage change or dollar amount of change in federal aid. Projects in which the federal aid has been changed by more than 30 percent or total federal aid increases by \$2.0 million or more will require an amendment. Anything less can be processed with an administrative modification.

Schedule changes-Changes in schedules to projects which are included in the first four years of the TIP/STIP will be considered administrative modifications. Projects which are added or deleted from the TIP/STIP will be processed as amendments.

Funding sources-Additional federal funding sources to a project will require an amendment. Changes to funding from one source to another will require an administrative modification.

Scope changes-Changing project termini or changing the amount of through traffic lanes will be processed as an amendment. Other examples of changes that require an amendment include changing the type of work from an overlay to reconstruction. Another example is changing a project to include widening of the roadway.

Procedural Requirements for Revisions

Amendments are considered major revisions and therefore have more procedural requirements. The main requirement is that there is an opportunity for public input. The second is technical and policy board approval of the amendment. Public involvement for amendments will occur at the local level for all RPA and MPO amendments.

Statewide public review for Iowa DOT project amendments takes place at the time of inclusion in the Iowa DOT's TIP. Iowa DOT sponsored projects within an MPO must go through the MPO's adopted amendment process, which includes public review and approval by the appropriate boards and committees.

Administrative modifications have simplified procedures which allow more flexibility in the processing of changes. Each RPA and MPO is allowed to process their changes by seeking board approval or the planning agency may make minor changes if the process is documented and approved by the appropriate technical and policy boards.

Finally, each type of revision needs to be processed in TPMS and the date of approval by the RPA or MPO needs to be included in the revision submittal.

Documenting Revision Procedures

Each RPA and MPO must document their procedures for processing amendments and administrative modifications. These should be included in each agency's public participation documents and could also be included in the TIPs.

Documentation should include the definitions of amendments and administrative modifications. It should also include detailed procedures on how each type of revision is processed. For example, notification procedures, posting procedures, comment periods, staff/board actions, etc. The lowa DOT will not require that each RPA or MPO follow the same procedures for public involvement or administrative processes.

FY 2009 Project Status Report

Program	Sponsor	Project Number	Project Location	Status
STP	Ames	STP-U-0155(666)70-85	N. Dakota Ave.: 600' south of Delaware Ave. to Ontario St.	Nov. 2009 IDOT Letting
STP	Ames	STP-U-0155(667)70-85	13 th St.: Union Pacific Overpass to Stange Rd.	Nov. 2009 IDOT Letting
STP	AAMPO	RGPL-PA22(LRTP)ST-85	AAMPO area: Planning Study	On-going
STP	AAMPO	RGPL-PA22(PMS)ST-85	Pavement Management	On-going
STP	AAMPO	RGPL-PA22(UDS)ST-85	Statewide Urban Design Standards	On-going
ENH	Ames	STP-E-0155(ADA)8V-85	Skunk River Trail: Bloomington Rd. to Ada Hayden Park	In design
ENH	Ames	STP-E-0155(SE16th)8V-85	Skunk River Trail: SE 16 th Street to East Lincoln Way	In design
ENH	Ames	STP-E-0155(Youth)8V-85	Skunk River Trail: Hunziker Youth Sports Complex to SE 16 th St.	In design
ENH	Ames	STP-ES-0155(659)8I-85	Ames Southeast Entryway: U.S. 30/SE 16 th St. to U.S. 30/S. Dayton Ave.	In development
ICAAP	AAMPO	STP-A-PA22()86-0	CyRide – Ames Transit: Hybrid Bus Expansion	Order placed
PL	AAMPO	RGPL-PA22()PL-85	PL Funds for Transportation Planning	On-going
ARRA	Ames	ESL-0155(662)7S-85	GW Carver Ave.: Stange Rd. to Bloomington Rd.	Aug. 2009 IDOT Letting
ARRA	Ames	ESL-0155(664)7S-85	Lincoln Way: Hickory Drive to 300' east of Marshall Ave.	Sept. 2009 start
ARRA	Ames	ESL-0155(665)7S-85	Skunk River Trail: River Valley Park to Carr Pool	Sept. 2009 start

FY 2010 TIP FTA Project Justification

The following transit projects identified within the draft FY2010-2013 TIP were included within the 2010-2013 Passenger Transportation Development Plan (PTDP) meeting the requirements to have all federal and state transit funding within an approved PTDP prior to TIP approval.

General Operations & Planning

<u>General Operations:</u> 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.

Alternatives Analysis Study: An Alternatives Analysis (AA) Study will be conducted of the Iowa State Center to Iowa State University campus corridor identified currently as the Orange Route. The Ames Transit Agency recently completed a smaller Transit Feasibility Study looking at seven corridors in the community that had either current transportation/growth issues or future identified growth. The study identified transportation options to resolve corridor problems of which the Orange Route is operating at near maximum capacity. It was determined through the Transit Feasibility Study that the Orange Route may qualify for Small New Starts funding to establish a Bus Rapid Transit corridor which would operate more like a light rail type system only using more cost-efficient buses. The AA study will analyze specific route options in more depth regarding transit-only corridors, provide detailed information on bus stop upgrades, and analyze route speed increases that could be realized with extendedgreen technology. This study will also analyze the financial capacity/needs of the Ames community to undertake a project such as Bus Rapid Transit. At the conclusion of the AA Study, a locally preferred alternative – the "proposed action" – will be determined.

<u>I-35 Ames-Des Moines Corridor Study:</u> This planning study would determine the feasibility of implementing transit improvements to reduce single occupant automobile traffic along Interstate 35 between the City of Ames and City of Des Moines. The study would provide essential information to key decision-makers in Des Moines, Ames, and Ankeny to implement future transportation improvements along this corridor. The study would examine the following:

- Identify need/potential ridership in the Ames-Des Moines corridor
- Analyze potential transportation modes to serve forecasted ridership demand
- Refine best alternative details
- Identify potential funding sources
- Identify benefits of implementation

The Des Moines Area Regional Transit Authority, Heart of Iowa Regional Transit Agency, and CyRide would co-sponsor the project through a coordinated effort from the following potential organizations: Iowa State University, City of Ames, City of Ankeny, Greater Des Moines Partnership, Des Moines Area Metropolitan Planning Organization and the IDOT's Office of Public Transit. Any recommendations from this study would be

incorporated into the IDOT's state-wide needs corridor analysis due to the state legislature in December 2009. A consultant would be hired to complete the study.

Job Access & Reverse Commute

Brown Route Frequency/Hours Expansion: In 2008, CyRide added additional service between campus and North Grand Mall based on demand in the Somerset area during the summer weekdays and weekday nights during the remainder of the year. Weekday nights improved to 40-minute frequencies until 9:00pm instead of ending at 7:00 pm and Weekday Summer service doubled to 20-minutes. This would provide a third year of service for this expanded service.

<u>Yellow Route Expansion</u>: In 2008, CyRide added mid-day service hours to its Yellow Route to the southeast area of Ames. This route operated every 60 minutes alternating between the current Gray Route and this southeast area allowing connections directly to ISU campus instead of transferring at Ames City Hall. Before, only one mid-day trip currently operated to this area. This would provide a third year of service for this additional mid-day service.

New Freedom & CMAQ

<u>Commercial/Industrial Area (East 13th Street/Lincoln Way/Dayton Avenue):</u> A new route would be added traveling to the E. 13 Street/Lincoln Way/Dayton Avenue commercial/industrial area of Ames. Service would be provided to businesses such as 3M, Mainstream Living, Mary Greeley Dialysis, Sauer-Danfoss as well as a new proposed Lifestyle Center tentatively scheduled to open in spring 2009. Service to this area was a priority within the PTDP process.

<u>Heavy Duty Bus Expansion:</u> This expansion vehicle would increase CyRide's ability to provide safe service throughout the community by adding a vehicle to sevice on the street. CyRide's service operates at more than 150% capacity and additional buses are needed to meet the demands of the public. This bus could also be utilized to provide added service to the Aquatic Center during the summer months.

Elderly and Persons with Disabilities Program

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 ¾ 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 Ames city limits.

<u>Transit Amenities:</u> 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, bus shelters will either be added or replaced to improve CyRide's image throughout the Ames community.

Replacement Buses and Bus Equipment:

Expansion Buses: CyRide is in need of expanding its fleet to accommodate additional growth to the transit system. For the past four years, CyRide has added 2-3 vehicles to its peak pull out and needs to plan for this growth to the system by increasing its fleet size. CyRide has accommodated past growth through its contingency fleet, which are 30-40 years in age and not recommended for future expansion practices. These additional expansion buses would allow CyRide to accommodate this growth and increase their spare ratio allowance to near 20% (as recommended by the Federal Transit Administration), as well as provide a reliable contingency fleet when vehicles are unexpectedly needed due to weather or increased ISU attendance.

<u>Heavy Duty Bus Replacement</u>: Thirteen buses have exceeded FTA guidelines for useful life. Bus numbers are 926, 927, 933, 934, 941, 942, 943, 967, 980, 981, 983, 985, and 990. These units will be replaced with 40' heavy duty buses, equipped with cameras. These replacement vehicles will be ADA accessible.

<u>Light Duty Bus Replacement:</u> Three buses have exceeded FTA guidelines for their useful life. Bus numbers are 960, 961, 978, and 979. These units will be replaced with 158" light duty diesel buses, equipped with cameras, and will be ADA accessible.

Security: Human Health/Safety Threats

<u>Facility Cameras/Proximity Card Access:</u> Purchase 20 cameras for digital recording of the transit property as well as a proximity card access system to monitor access to the facility. Guests within the facility would be restricted to administrative areas unless accompanied by a CyRide employee. These security improvements were recommended by Homeland Security to secure the entire CyRide campus.

West Wall EIFS Exterior Replacement: CyRide was originally built back in 1982 with a state of the art material called EIFS applied to the exterior of the building. EIFS is a synthetic stucco-looking material which provides exterior insulation for buildings. The EIFS is supposed to produce a weather-resistant barrier and provide crack resistance for the exterior or buildings. In the mid-1970's EIFS became popular with energy-conscientious builders and buyers as energy bills decreased in implementing this material. Moisture accumulation issues have since occurred from rain water intrusion making cracks in the building and diminishing the insulation benefits. In particular, FM Global is recommending that CyRide replace the EIFS on the west side of the facility due to its capacity to possibly ignite due to close proximity to the ISU cooling towers. To ensure the safety of the building and buses, CyRide will request replacement of this EIFS material in 2010.

Actuated Shutoffs for fuel, oil, hydraulic lines: FM Global, which provides risk assessments for the City of Ames, recommended to CyRide to install actuated shutoffs for fuel, oil and other hydraulic lines in case fire materializes at the maintenance facility. If these lines ignited, the manual shutdown of these lines would be impossible due to the heat of the fire and would prolong the life of the fire. Having these lines shut off when a fire breaks out could save extensive property damage within CyRide's facility as well as eliminate the disruption of continued operations.

<u>Electric Distribution Rehabilitation:</u> Historically, equipment breakdown is the leading cause of fire ignition sources with electrical faults being the driving force for fires. It is believed that CyRide's current electrical system is overloaded; therefore, CyRide recommends rehabbing the electrical distribution of its 1982 building as recommended by FM Global's risk assessment audit performed in April 2006.

<u>Vehicle Surveillance Systems:</u> CyRide utilizes surveillance systems on its buses to reduce liability to the City as well as enable cooperation with the Police Department for situational issues on the bus or throughout the community. CyRide purchased additional units to install on the majority of the fleet in 2007. However, these initial 27 systems purchased in 2004 are now six years old and need replacement in 2010 to keep up with technology improvements. Staff indicates a dramatic difference between the GE system and Safety Vision system initially purchased including difficulty in relaying information to the Police Department. CyRide recommends purchasing thirty-five units to replace these outdated 27 systems as well as an additional 9 units to completely equip the large bus fleet with surveillance systems.

Steam clean area; Hoist and Floor Repair: The steam clean area of CyRide's garage is in need of repair. The floors and walls have structural damage showing deep cracks in the foundation and vertical structure of the maintenance garage. This "steam clean" area is utilized to hoist vehicles into the air and then steam the underside of the bus to remove salt, sand and oil residue prior to maintenance work commencing. Grant funding would be requested from lowa's new infrastructure funding for the structural repair of the walls and floor with CyRide's direct earmark funding replacing the existing in-ground hoist, if needed, based on a facility study to be completed in August 2008.

Direct Earmarks

<u>Transit Maintenance Facility:</u> CyRide is at capacity for parking buses at their current maintenance facility at 1700 University with 75 vehicles. This funding requests additional earmark funding to either expand the maintenance facility on the current space or within a satellite location to meet the future needs of CyRide expansion for the next 20 years. In addition, discussions have transpired to possibly include Heartland Senior Services (CyRide's ADA subcontractor) into the satellite facility expansion as they currently park vehicles outside in the elements.

FY 2010

TIP

MPO-22 / AAMPO 2010 - 2013 Transportation Improvement Program

TPMS Sponsor	Project # Location	Length FHWA #	Project Funding	Programmed Amounts			PA:Co:SEQ PA ID #	
Appr.Status	Funding Program	Sec:Twnshp:Range		FY10	FY11	FY12	FY13	STIP ID #
[1] STP - Surface Transpo	ortation Program		Inclusio	n in this list	DOES NO	T guarant	ee Federa	l Aid Eligibility
Story County - 85 17023 Ames FHWA Approved	STP-U-0155()70-85 East Lincoln Way:S Duff Avenue to S Skunk River Pavement Rehab	0.72 Mi 	Project Total Federal Aid Regional FA	 	 	 	\$1290 \$1062 \$1062	22:85:147
13157 Ames Authorized	STP-U-0155(666)70-85 Project was Let NORTH DAKOTA AV:600' SOUTH OF DELAWARE AVE to ONTARIO ST Pavement Rehab	0.57 Mi 	Project Total Federal Aid Regional FA	\$1300 \$782 \$782	 	 	 	22:85:103 00112
14978 Ames Authorized	STP-U-0155(667)70-85 Project was Let 13th Street:Union Pacific Overpass to Stange Road Pavement Rehab	0.48 Mi 	Project Total Federal Aid Regional FA	\$1300 \$1032 \$1032	 	 	 	22:85:123 00212
19316 Ames FHWA Approved	STP-U-0155(671)70-85 DOT Letting: Sep/21/2010 DUFF AVE:Lincoln Way to 7th Street Pavement Rehab	0.35 Mi 0:0:0	Project Total Federal Aid Regional FA	\$963 \$688 \$688	 	 	 	:85:XX 00731
16032 Ames FHWA Approved	STP-U-0155(Grand3)70-85 Grand Avenue:South 16th Street to Squaw Creek Drive; S.16th/S.Duff Intersection Grade and Pave, Bridge New	1.2 Mi 0:0:0	Project Total Federal Aid Regional FA	 	\$17000 \$1062 \$1062	 	 	22:85:143
18655 Ames FHWA Approved	STP-U-0155(STATE)70-85 STATE AVE:Oakwood Road to US HW 30 Pavement Rehab	0.72 Mi 16:83:24	Project Total Federal Aid Regional FA	 	 	\$1290 \$1062 \$1062	 	:85:155
9590 MPO-22 / AAMPO FHWA Approved	RGPL-PA22(PMS)ST-85 VARIOUS:PAVEMENT MANAGEMENT Miscellaneous		Project Total Federal Aid Regional FA	\$6 \$5 \$5	\$6 \$5 \$5	\$6 \$5 \$5	\$6 \$5 \$5	22:85:85 00672
9589 MPO-22 / AAMPO FHWA Approved	RGPL-PA22(UDS)ST-85 VARIOUS:STATEWIDE URBAN DESIGN STANDARDS Miscellaneous		Project Total Federal Aid Regional FA	\$5 \$4 \$4	\$5 \$4 \$4	\$5 \$4 \$4	\$5 \$4 \$4	22:85:86 00673
[2] NHS - National High	vay System Program		Inclusio	n in this list	DOES NO	T guarant	ee Federa	l Aid Eligibility
Story County - 85 19906 DOT-D01-MPO22 Submitted	NHS-030()19-85 US 30:230th St to East of University Blvd Grade and Pave	6.89 Mi 16:83:24	Project Total Federal Aid Regional FA	\$21700 \$17360 	 	 	 	:0:XX 00794
[5] ENH - Transportation Enhancement Program Inclusion in this list DOES NOT guarantee Federal Aid Eligibility								
Story County - 85 17025 Ames FHWA Approved	STP-E-0155()8V-85 Skunk River Trail:Inis Grove Park to Bloomington Road Ped/Bike Grade & Pave	0.75 Mi 	Project Total Federal Aid Regional FA	 	\$230 \$81 \$81	 	 	22:85:148
14980 Ames FHWA Approved	STP-E-0155(ADA)8V-85 Skunk River Trail:Bloomington Road to Ada Hayden Park Ped/Bike Grade & Pave	0.5 Mi 	Project Total Federal Aid Regional FA	\$200 \$73 \$73	 	 	 	22:85:125 00213
14982 Ames FHWA Approved	STP-E-0155(LW)8V-85 Skunk River Trail:East Lincoln Way to S. River Valley Park Ped/Bike Grade & Pave	0.94 Mi 	Project Total Federal Aid Regional FA	\$380 \$86 \$86	 	 	 	22:85:127 00214

TPMS Sponsor	Project # Location	Length FHWA #	Project Funding			d Amount		PA:Co:SEQ PA ID#
Appr.Status	Funding Program	Sec:Twnshp:Range		FY10	FY11	FY12		STIP ID #
18661	STP-E-0155(SD)8V-85	0.25 Mi	Project Total				\$250	:85:158
Ames FHWA Approved	S. DAKOTA AVE:Mortensen Rd to S. Corporate Limits Ped/Bike Paving	 8:83:24	Federal Aid Regional FA				\$81 \$81	
riiwa approved	reu/dike raving	0.03.24	Regional FA				φ01	
18658	STP-E-0155(SDayton)8V-85	1.28 Mi	Project Total			\$230		:85:156
Ames	S DAYTON AVE:E.Lincoln Way to South Gateway		Federal Aid			\$81		
FHWA Approved	Ped/Bike Paving	0:0:0	Regional FA			\$81		
14983	STP-E-0155(SE16th)8V-85	1 Mi	Project Total	\$323				22:85:128
Ames	Skunk River Trail:SE 16th Street to East Lincoln Way		Federal Aid	\$71				
FHWA Approved	Ped/Bike Grade & Pave		Regional FA	\$71				00215
16031	STP-E-0155(Youth)8V-85	0.3 Mi	Project Total	\$200				22:85:142
Ames	Skunk River Trail:Hunziker Youth Sports Complex to Southeast 16th Street		Federal Aid	\$80				
FHWA Approved	Ped/Bike Paving		Regional FA	\$80				00259
16034	STP-ES-0155(659)8I-85 DOT Letting: Dec/21/2010		Project Total	\$1006				22:85:144
	Ames Southeast Entryway:Plantings and Sculpural elements on both sides of US 30		, and the second					22.03.144
Ames	from Dayton to I-35		Federal Aid	\$683				
FHWA Approved	Landscaping, Miscellaneous		Regional FA					00260
[8] PL - Metropolitan Plant	ning.		Inclusion in	this list DC	DES NO	Tauarant	oo Fodor	al Aid Eligibility
Story County - 85			inclusion in	ulis list DC	JES NO	1 guarano	ce reuer	al Ald Eligibility
16103	RGPL-PA22()PL-85		Project Total	\$388				22:85:145
MPO-22 / AAMPO	Ames MPO Planning:PL Funds for Transportation Planning		Federal Aid	\$308				
FHWA Approved	Trans Planning		Regional FA	\$231				00280
[23] ESP - American Recov	every and Painvactment Act	-	Inclusion in	thic list DC	DES NO	T guarant	oo Fodor	al Aid Eligibility
Story County - 85	very and Remvestment Act		Iliciusion ili	uns nst De	JES NO	1 guarano	ee reder	al Ald Eligibility
18648	ESL-0155(668)7S-85 Project was Let	0.8 Mi	Project Total	\$860				:85:154
Ames	DUFF AVE:Lincoln Way to 13th Street		Federal Aid	\$688				
Authorized	Pavement Rehab	0:0:0	Regional FA	\$688				00592
	DOT Note: ARRA Balance \$628,856.52							
[24] ILL - Illustrative Region	onal Project		Inclusion in	this list DO	DES NO	T guarant	ee Feder	al Aid Eligibility
Story County - 85						<u> </u>		
18659	ILL-0155()93-85	0.36 Mi	Project Total			\$8000		:85:157
Ames	NORTH DAKOTA AVE:Toronto Street to 215th Street		Federal Aid					
FHWA Approved	Bridge New	32:84:24	Regional FA					
	PA Note: Illustrative Project	32.01.21	regional I ii					

Fund			Vehicle Identification or	Туре	Туре	Total Cost Federal Participation		icipation		2010				
Туре	System	Project Description	Remarks	Exp	Project	2010	2011	2012	2013	2010	2011	2012	2013	STA
5307/STA	CyRide	General Operations		o	,	7,280,545	7,644,572	8,026,801	8,428,141	1,500,000	1,575,000	1,653,750	1,736,438	523,757
5339	CyRide	Alternative Analysis Study - Orange Route		Р		200,000				160,000				
STA	CyRide	I35 Ames-Des Moines Corridor Planning		P		100,000				100,000				100,000
5303	AAMPO	Planning		Р		35,000	36,750	38,588	40,517	28,000	29,400	30,870	32,414	
5040	O . D: -I -	Job Access & Reverse Commute		_	F	00.047	05.740	00.005	70 407	04.000	00.074	04.540	00.044	
5316 5316	CyRide CyRide	Brown Route Frequency/Hours Expansion Yellow Route Expansion		0 0	Exp Exp	62,617 15,256	65,748 16.019	69,035 16,820	72,487 17,661	31,309 7.628	32,874 8.009	34,518 8,410	36,244 8.830	
3316	Cyrlide	Tellow Route Expansion		0	Ехр	15,256	16,019	10,020	17,001	7,020	6,009	0,410	0,030	
		New Freedom												
		East 13th/LincolnWay/Dayton Commercial/Industrial Area												
5317	CyRide	Operating Service		0	Exp		329,700	346,185	363,494		164,850	173,093	181,747	
5317	CyRide	1 - 40' HD bus (Cameras)		С	Exp	384,000	,	•	,	318,720	,	Ť	·	
		Elderly & Persons with Disabilities Program		_										
5310	CyRide	Contracted paratransit service		0	_	173,169	171,141	177,987	185,106	138,535	136,913	142,390	148,085	
5310	CyRide	Transit Amenities		С	Rep	50,000	50,000	50,000	50,000	40,000	40,000	40,000	40,000	
		Buses and Bus Equipment												
5309	CyRide	5 - 40' HD Expansion buses (Surveillance)		С	Exp	1,920,000				1,593,600				
RRA/TIGGEI	CyRide	Up to 10 hybrid upgrades		C	LAP	1,600,000				1,600,000				
5309		12 - 40' HD buses (Surveillance)		C	Exp	4,608,000				4,608,000				
	,	` ,	952, 962, 964, 966, 982, 984,	С						, ,				
5309	CyRide	10 - 40' HD buses (Surveillance)	991, 8913, 8917, 8918	C	Rep	3,840,000				3,840,000				
5309	CyRide	8 - 40' HD buses (Surveillance)	933, 934, 941, 942, 943, 967,	С	Rep	3,072,000				2,549,760				
	,	,	985, 990							, ,				
5309	CyRide	2 - 158" Light Duty buses (Diesel, Urban, Surveillance)	978, 979	С	Rep	184,000	3,256,000			152,720				
		Sacruitor Human Haalth/Safato Threata												
		Security: Human Health/Safety Threats	20 Cameras(20*\$1,333);											
5309	CyRide	Facility Cameras/Proximity Card Access	10 Proximity Cards	С	Exp	56.660				45,328				
5509	Cyrlide	Facility Carrieras/Froximity Card Access	Replace w/ fire resistant metal	C	Exp	36,660				45,326				
IG	CyRide	West Wall EIFS Exterior Replacement	siding	С	Rep	200,000				160,000				
5309	CyRide	Actuated Shutoffs for fuel, oil, hydraulic lines	Siding	Č	Exp	36,000				28,800				
5309	CyRide	Electric Distribution Rehabilitation		Ċ	Reh	30,000				24,000				
5309	CyRide	Vehicle Surveillance Systems - 38 units	35@\$8,000; 3@\$4,000	Ċ	Rep/Exp	292,000				233,600				
	1	Storage area air handling replacements; piping-ductwork								,				
5309	CyRide	relocation; upgrade sprinkler system		С	Rep	792,000				792,000				
5309	CyRide	Fuel Pump Improvementss		С	Rep	29,000				29,000				
5309	CyRide	AVL/CAD technology, web/busstop planner, scheduling software	e	С	Exp	1,705,450				1,705,450				
		Direct Formarks												
5309	CyRide	Direct Earmarks Transit Satellite Maintenance Facility			Exp	14,000,000				11,200,000				
5309		11 - 40' Hybrid Buses		С	Exp	6,500,000				5,395,000				
5309		Garage Expansion Phase III (Direct Earmarks)		C	Exp/Reh	1,107,700	1.000.000	500.000		886,160	800,000	400.000		
5309	CyRide	Resurface ISC Commuter Parking		C	Reh	.,107,700	1,000,000	333,300		333,100	720,000	400,000		
ARRA-	-,	y		-			.,200,000				. 20,000			
TIGER/PTIG	CyRide	Ames Intermodal Facility (39.7M TIGER; 880,000 PTIG)		С	Exp	43,666,500				40,179,850				
	Cyrlue	Anies intermodal Facility (39.719) FIGER, 000,000 PTIG)_		U	Exh	43,000,300				40,179,830				
Total					Total	91,939,897	13,569,930	9,225,415	9,157,406	77,347,460	3,507,046	2,483,030	2,183,757	623,757
Capital						83,489,310	5,306,000	550.000	50,000	74,903,268	1,560,000	440.000	40.000	020,.07

^ 2/18/2010

A Narrative for Surface Transportation

And

Program

Transportation Enhancement

New and Future Projects

FY 2010 through FY 2013

FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Gover	Project Sponsor Government: City of Ames				
Federal Funding Source: Surface Transportation Program Highway Bridge Replacement and Rehabilitation Program Statewide Transportation Enhancement					
Federal Fiscal Year: ☐ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) ☐ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011) ☐ Federal Fiscal Year 2012 (October 1, 2011 – September 30, 2012) ☐ Federal Fiscal Year 2013 (October 1, 2012 – September 30, 2013)					
Route or Street Name:	Area Wide				
Termini:					
Bridge Number (For Bı	Bridge Number (For Bridge Projects Only):				
Length: miles					
Type of Work: Statewi	de Urban Design and Specifications Manual (SUDAS)				
☐Map (Please include a map indicating project location.)					
	PROJECT COST INFORMATION				
Total Estimated Cost:	\$ <u>5,488</u>				
Federal-Aid (STP):	\$ <u>4,493</u>				
Local Match:	\$ <u>0</u>				
Other:	\$ <u></u>				

FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Gover	Project Sponsor Government: <u>City of Ames</u>				
Federal Funding Source: ⊠Surface Transportation Program □Highway Bridge Replacement and Rehabilitation Program					
⊠Federal Fisc ⊠Federal Fisc	cal Year 2010 (October 1, 2009 – September 30, 2010) cal Year 2011 (October 1, 2010 – September 30, 2011) cal Year 2012 (October 1, 2011 – September 30, 2012) cal Year 2013 (October 1, 2012 – September 30, 2013)				
Route or Street Name:	Area Wide				
Termini:					
Bridge Number (For B	ridge Projects Only):				
Length: miles					
Type of Work: Paveme	ent Management System				
☐Map (Please include a map indicating project location.) PROJECT COST INFORMATION					
Total Estimated Cost:	\$ <u>6,495</u>				
Federal-Aid (STP):	\$ <u>5,247</u>				
Local Match:	\$ <u>0</u>				
Other:	\$ <u></u>				

FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Gove	rnment: City of Ames
☐Highway Bri	ce: nsportation Program dge Replacement and Rehabilitation Program ransportation Enhancement
☐Federal Fisc ☐Federal Fisc	cal Year 2010 (October 1, 2009 – September 30, 2010) cal Year 2011 (October 1, 2010 – September 30, 2011) cal Year 2012 (October 1, 2011 – September 30, 2012) cal Year 2013 (October 1, 2012 – September 30, 2013)
Route or Street Name:	Area Wide
Termini:	
Bridge Number (For B	ridge Projects Only):
Length: <u>N/A</u> miles	
Type of Work: <u>Long R</u>	ange Transportation Plan Update (2035)
☐Map (<i>Please include</i>	e a map indicating project location.)
	PROJECT COST INFORMATION
Total Estimated Cost:	\$ <u>400,000</u>
Federal-Aid (STP):	\$ <u>230,623</u>
Local Match: (Road Use Tax)	\$ <u>80,000</u>
Other:	\$ 70,613 (FHWA PL)
	\$ 18,764 (FTA 5303)

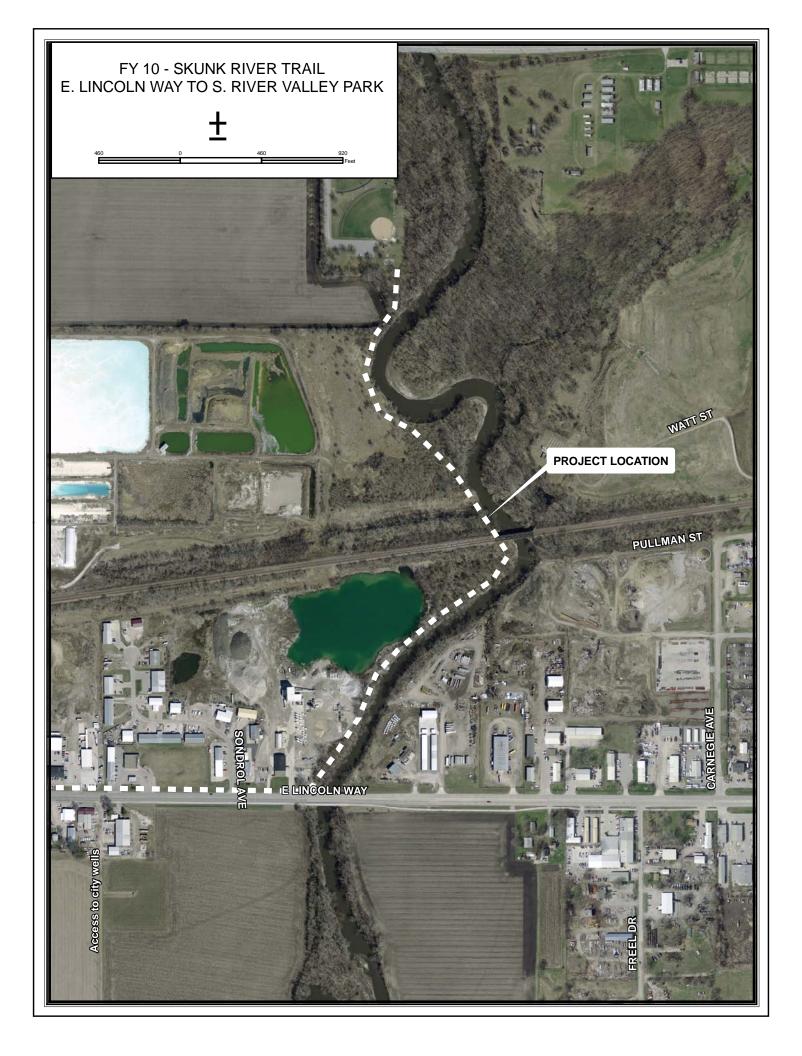
FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government: <u>City of Ames</u>				
Federal Funding Source: ⊠Surface Transportat ∐Highway Bridge Re	tion Program olacement and Rehabilitation Program			
☐Federal Fiscal Year ☐Federal Fiscal Year	2010 (October 1, 2009 – September 30, 2010) 2011 (October 1, 2010 – September 30, 2011) 2012 (October 1, 2011 – September 30, 2012) 2013 (October 1, 2012 – September 30, 2013)			
Route or Street Name: Duff A	<u>venue</u>			
Termini: Lincoln Way to 13 th S	Street			
Bridge Number (For Bridge Pr	ojects Only):			
Length: <u>0.80</u> miles				
Type of Work: Pavement Reh	<u>abilitation</u>			
⊠Map (<i>Please include a map</i>	indicating project location.)			
F	PROJECT COST INFORMATION			
Total Estimated Cost:	\$ 860,000			
Federal-Aid (STP):	\$ <u>688,000</u>			
Local Match: (General Obligation Bonds)	\$ <u>172,000</u>			
Other:	\$ <u>N/A</u>			



FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government:	<u>City of Ames</u>
	tion Program - Enhancement placement and Rehabilitation Program
☐Federal Fiscal Year ☐Federal Fiscal Year	2010 (October 1, 2009 – September 30, 2010) 2011 (October 1, 2010 – September 30, 2011) 2012 (October 1, 2011 – September 30, 2012) 2013 (October 1, 2012 – September 30, 2013)
Route or Street Name: Skunk	River Trail
Termini: E. Lincoln Way to Sc	outh River Valley Park
Bridge Number (For Bridge Pr	ojects Only):
Length: <u>0.80</u> miles	
Type of Work: <u>Bike Trail Pavi</u>	ng
⊠Map (<u>Please include a map</u>	indicating project location.)
F	PROJECT COST INFORMATION
Total Estimated Cost:	\$ 380,000
Federal-Aid (STP):	\$ 86,000
Local Match: (Local Option Sales Tax)	\$ <u>294,000</u>
Other:	\$ <u>N/A</u>



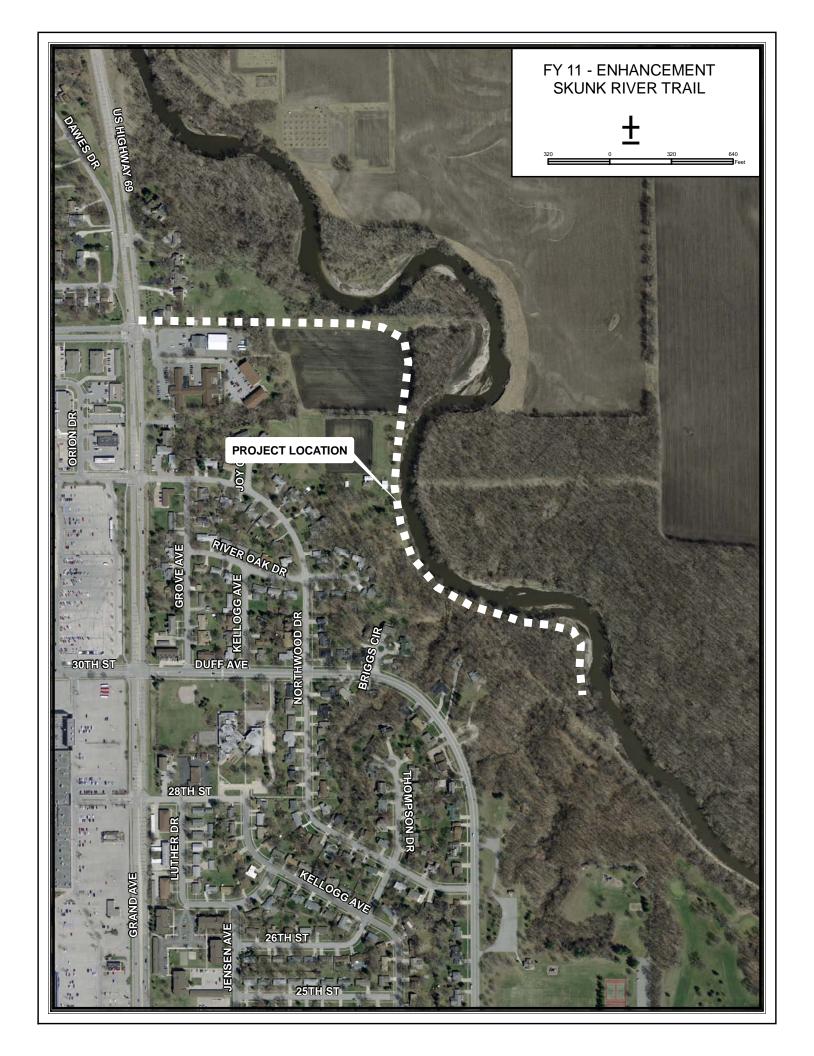
FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government: <u>City of Ames</u>				
Federal Funding Source: ⊠Surface Transportation Program ∐Highway Bridge Replacement and Rehabilitation Program				
Federal Fiscal Year: Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011) Federal Fiscal Year 2012 (October 1, 2011 – September 30, 2012) Federal Fiscal Year 2013 (October 1, 2012 – September 30, 2013)				
Route or Street Name: <u>Grand Avenue</u>				
Termini: South 16 th Street to Squaw Creek Drive; includes S. 16 th /S. Duff Intersection Improvements				
Bridge Number (For Bridge Projects Only):				
Length: <u>0.75</u> miles				
Type of Work: Grade and Pave				
⊠Map (<u>Please include a map indicating project location.</u>)				
PROJECT COST INFORMATION				
Total Estimated Cost:	\$ <u>17,000,000</u>			
Federal-Aid (STP):	\$ <u>1,062,000</u>			
Local Match: (General Obligation Bonds)	\$ <u>15,938,000</u>			
Other:	\$ <u>-</u>			



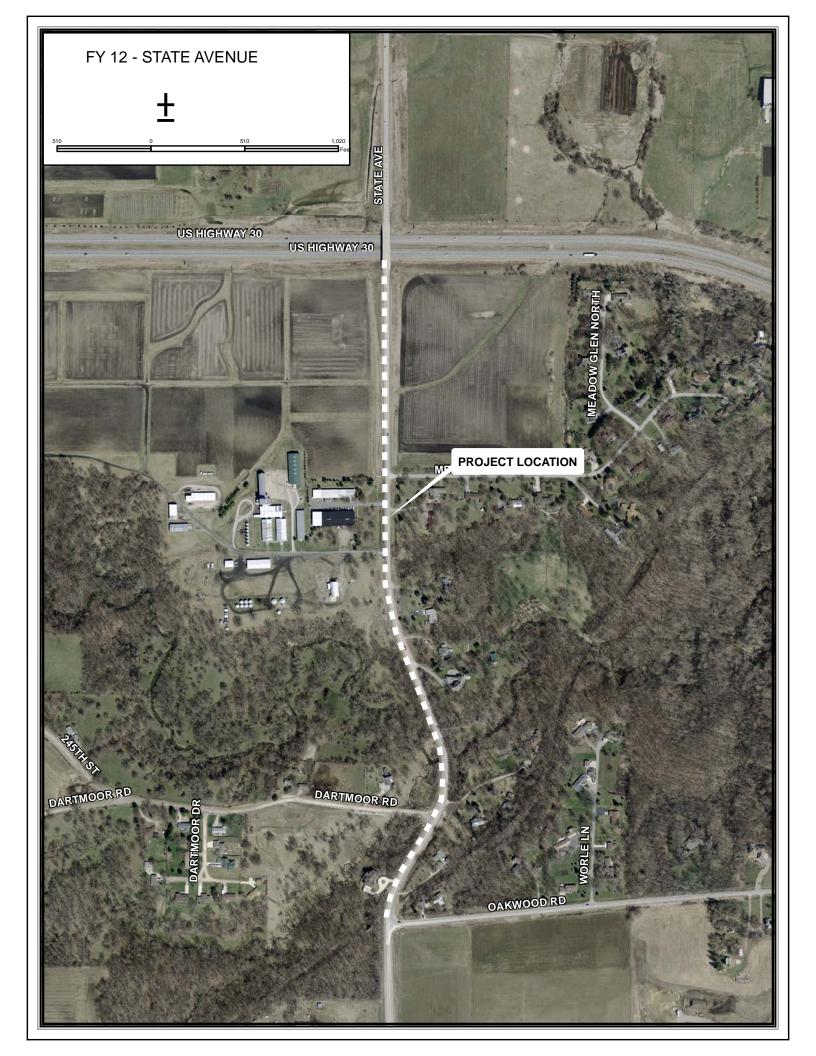
FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government: <u>City of Ames</u>			
Federal Funding Source: ⊠Surface Transportation Program - Enhancement ⊞Highway Bridge Replacement and Rehabilitation Program			
Federal Fiscal Year: Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011) Federal Fiscal Year 2012 (October 1, 2011 – September 30, 2012) Federal Fiscal Year 2013 (October 1, 2012 – September 30, 2013)			
Route or Street Name: <u>Skunk River Trail</u>			
Termini: Inis Grove Park to Bloomington Road			
Bridge Number (For B	ridge Projects Only):		
Length: <u>0.75</u> miles			
Type of Work: Bike Trail Paving			
⊠Map (<u>Please include a map indicating project location.</u>)			
	PROJECT COST INFORMATION		
Total Estimated Cost:	\$ <u>230,000</u>		
Federal-Aid (STP):	\$ <u>81,000</u>		
Local Match: (Local Option Sales Ta	\$ <u>149,000</u> ax)		
Other:	\$ <u></u>		



FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government: <u>City of Ames</u>		
	tion Program placement and Rehabilitation Program tation Enhancement	
Federal Fiscal Year: Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011) Federal Fiscal Year 2012 (October 1, 2011 – September 30, 2012) Federal Fiscal Year 2013 (October 1, 2012 – September 30, 2013)		
Route or Street Name: <u>State Avenue</u>		
Termini: Oakwood Road to US 30		
Bridge Number (For Bridge Projects Only):		
Length: 0.70 miles		
Type of Work: Pavement Rehabilitation		
⊠Map (<u>Please include a map indicating project location.</u>)		
F	PROJECT COST INFORMATION	
Total Estimated Cost:	\$ <u>1,290,000</u>	
Federal-Aid (STP):	\$ <u>1,062,000</u>	
Local Match: (General Obligation Bonds)	\$ <u>228,000</u>	
Other:	\$ <u>N/A</u>	



FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government:	City of Ames	
	tion Program - Enhancement placement and Rehabilitation Program	
∏Federal Fiscal Year ⊠Federal Fiscal Year	2010 (October 1, 2009 – September 30, 2010) 2011 (October 1, 2010 – September 30, 2011) 2012 (October 1, 2011 – September 30, 2012) 2013 (October 1, 2012 – September 30, 2013)	
Route or Street Name: South Dayton Avenue Shared Use Path		
Termini: E. Lincoln Way to South Gateway		
Bridge Number (For Bridge Projects Only):		
Length: 0.60 miles		
Type of Work: <u>Bike Trail Paving</u>		
⊠Map (<u>Please include a map indicating project location.</u>)		
ı	PROJECT COST INFORMATION	
Total Estimated Cost:	\$ <u>230,000</u>	
Federal-Aid (STP):	\$ <u>81,000</u>	
Local Match: (Local Option Sales Tax)	\$ <u>149,000</u>	
Other:	\$ <u>N/A</u>	



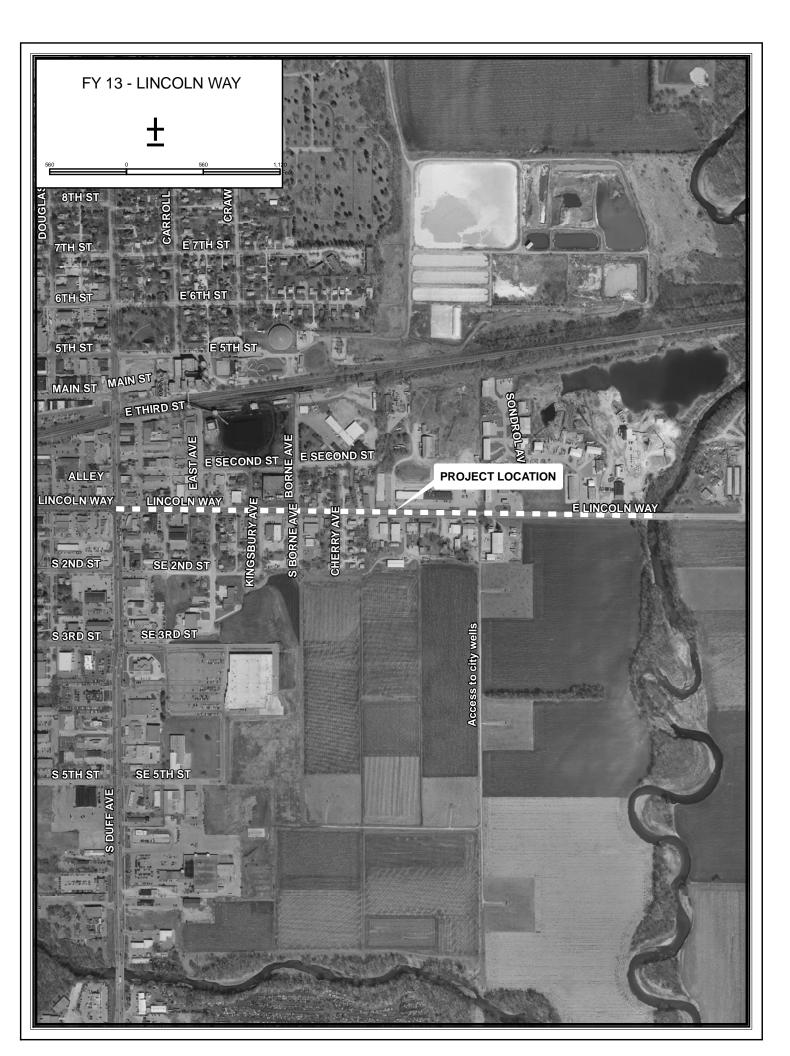
FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government:	City of Ames	
	ion Program - Enhancement placement and Rehabilitation Program	
□Federal Fiscal Year ⊠Federal Fiscal Year	2010 (October 1, 2009 – September 30, 2010) 2011 (October 1, 2010 – September 30, 2011) 2012 (October 1, 2011 – September 30, 2012) 2013 (October 1, 2012 – September 30, 2013)	
Route or Street Name: North Dakota Avenue		
Termini: Toronto Street to 215 th Street		
Bridge Number (For Bridge Projects Only): New		
Length: <u>0.40</u> miles		
Type of Work: Grade Separation (Union Pacific Railroad)		
⊠Map (<u>Please include a map indicating project location.</u>)		
F	PROJECT COST INFORMATION	
Total Estimated Cost:	\$ 8,000,000	
Federal-Aid (STP):	\$ <u></u>	
Local Match: (Local Option Sales Tax)	\$ <u></u>	
Other:	\$ <u></u>	



FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government:	City of Ames	
Federal Funding Source: ⊠Surface Transporta ∐Highway Bridge Re	tion Program placement and Rehabilitation Program	
☐Federal Fiscal Year ☐Federal Fiscal Year	r 2010 (October 1, 2009 – September 30, 2010) r 2011 (October 1, 2010 – September 30, 2011) r 2012 (October 1, 2011 – September 30, 2012) r 2013 (October 1, 2012 – September 30, 2013)	
Route or Street Name: <u>Linco</u>	<u>ln Way</u>	
Termini: South Duff Avenue to South Skunk River		
Bridge Number (For Bridge Projects Only):		
Length: 0.72 miles		
Type of Work: Pavement Rehabilitation		
⊠Map (<u>Please include a map indicating project location.</u>)		
I	PROJECT COST INFORMATION	
Total Estimated Cost:	\$ <u>1,290,000</u>	
Federal-Aid (STP):	\$ <u>1,062,000</u>	
Local Match: (General Obligation Bonds)	\$ <u>228,000</u>	
Other:	\$ <u>N/A</u>	



FEDERAL FISCAL YEARS 2010-2013 TRANSPORTATION IMPROVEMENT PROGRAM

Project Sponsor Government:	City of Ames	
	ion Program - Enhancement placement and Rehabilitation Program	
☐Federal Fiscal Year ☐Federal Fiscal Year	2010 (October 1, 2009 – September 30, 2010 2011 (October 1, 2010 – September 30, 2011 2012 (October 1, 2011 – September 30, 2012 2013 (October 1, 2012 – September 30, 2013	
Route or Street Name: South Dakota Avenue Shared Use Path		
Termini: Mortensen Road to South Corporate Limits		
Bridge Number (For Bridge Projects Only):		
Length: <u>0.30</u> miles		
Type of Work: Bike Trail Paving		
⊠Map (<u>Please include a map indicating project location.</u>)		
ı	PROJECT COST INFORMATION	
Total Estimated Cost:	\$ <u>250,000</u>	
Federal-Aid (STP):	\$ <u>81,000</u>	
Local Match: (Local Option Sales Tax)	\$ <u>169,000</u>	
Other:	\$ <u>N/A</u>	

