

TRANSPORTATION IMPROVEMENT PROGRAM

FY 2008 - FY 2011

FINAL May 22, 2007

Federal Highway Administration Section

Surface Transportation Program

And

Transportation Enhancement

FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source:

Surface Transportation Program Highway Bridge Replacement and Rehabilitation Program

Federal Fiscal Year:

➢ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008)
➢ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009)
➢ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010)
➢ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Area Wide

Termini: ____

Bridge Number (For Bridge Projects Only): _____

Length: ____ miles

Type of Work: Statewide Urban Design and Specifications Manual (SUDAS)

Map (*Please include a map indicating project location.*)

PROJECT COST INFORMATION

Total Estimated Cost: \$ 3,056

Federal-Aid: \$ <u>4,593</u>

Local Match: \$ 0

Other: \$ ____

FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source:

Surface Transportation Program Highway Bridge Replacement and Rehabilitation Program

Federal Fiscal Year:

➢ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008)
➢ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009)
➢ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010)
➢ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Area Wide

Termini: _____

Bridge Number (For Bridge Projects Only): _____

Length: _____ miles

Type of Work: Pavement Management System

Map (Please include a map indicating project location.)

PROJECT COST INFORMATION

Total Estimated Cost: \$ 5,247

Federal-Aid:	\$	5,247
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Local Match: \$ 0

Other: \$ ----

FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

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 2008 (October 1, 2007 – September 30, 2008)
☐ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009)
☐ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010)
☐ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Ames Southeast Entryway

Termini: US Hwy 30, Southeast 16th Street, US 30/ South Dayton Avenue Interchange

Bridge Number (For Bridge Projects Only): _____

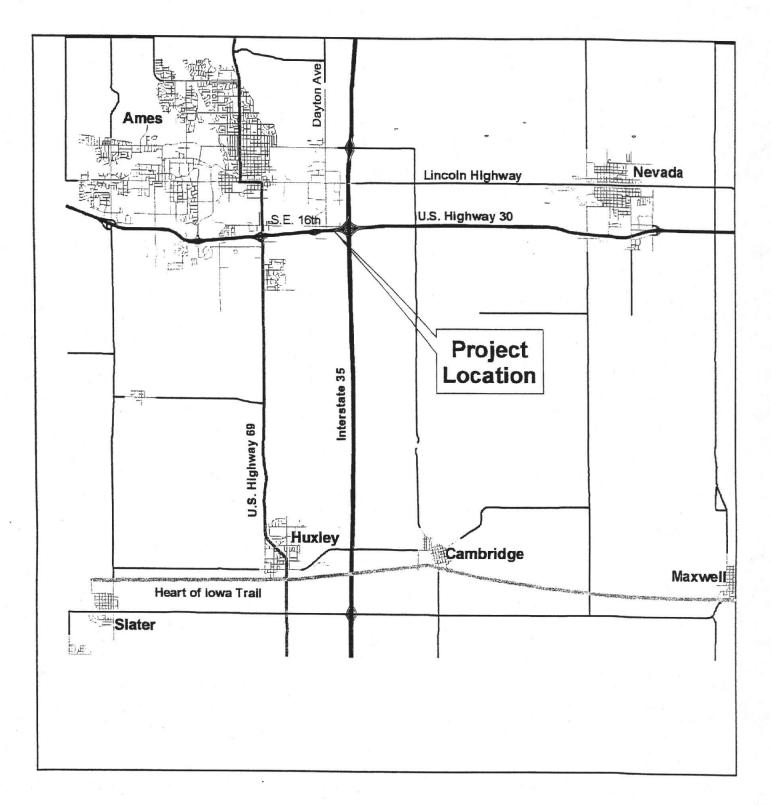
Length: N/A miles

Type of Work: Trails, Landscaping, and Other Scenic Beautification

Map (Please include a map indicating project location.)

Total Estimated Cost:	\$ <u>1,006,000</u>
Statewide Enhancement:	\$ <u>683,000</u>
Local Match:	\$ <u>293,000</u>
Other:	\$ 30,000 (IDOT/IDNR Planting Grant)

B. LOCATION MAP



Location Map Ames Southeast Entryway



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source:

Surface Transportation Program Highway Bridge Replacement and Rehabilitation Program

Federal Fiscal Year:

➢ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008)
☐ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009)
☐ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010)
☐ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: North Dakota Avenue

Termini: 600' south of Delaware Avenue to Ontario Street

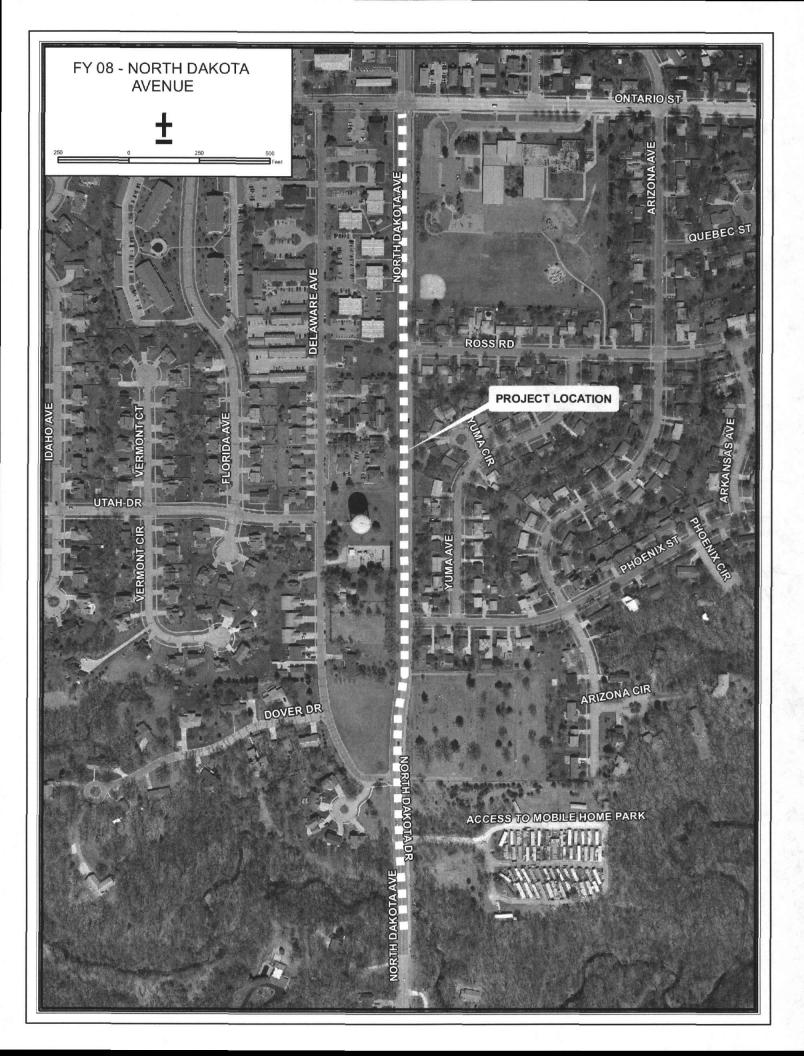
Bridge Number (For Bridge Projects Only): _____

Length: 0.57 miles

Type of Work: Pavement Rehabilitation

Map (Please include a map indicating project location.)

Total Estimated Cost:	\$ <u>1,300,000</u>
Federal-Aid:	\$ <u>782,998</u>
Local Match:	\$ <u>517,002</u>
Other:	\$ N/A



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source: Surface Transportation Program Highway Bridge Replacement and Rehabilitation Program

Federal Fiscal Year:

Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008) Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Skunk River Trail

Termini: Southeast 16th Street to E. Lincoln Way

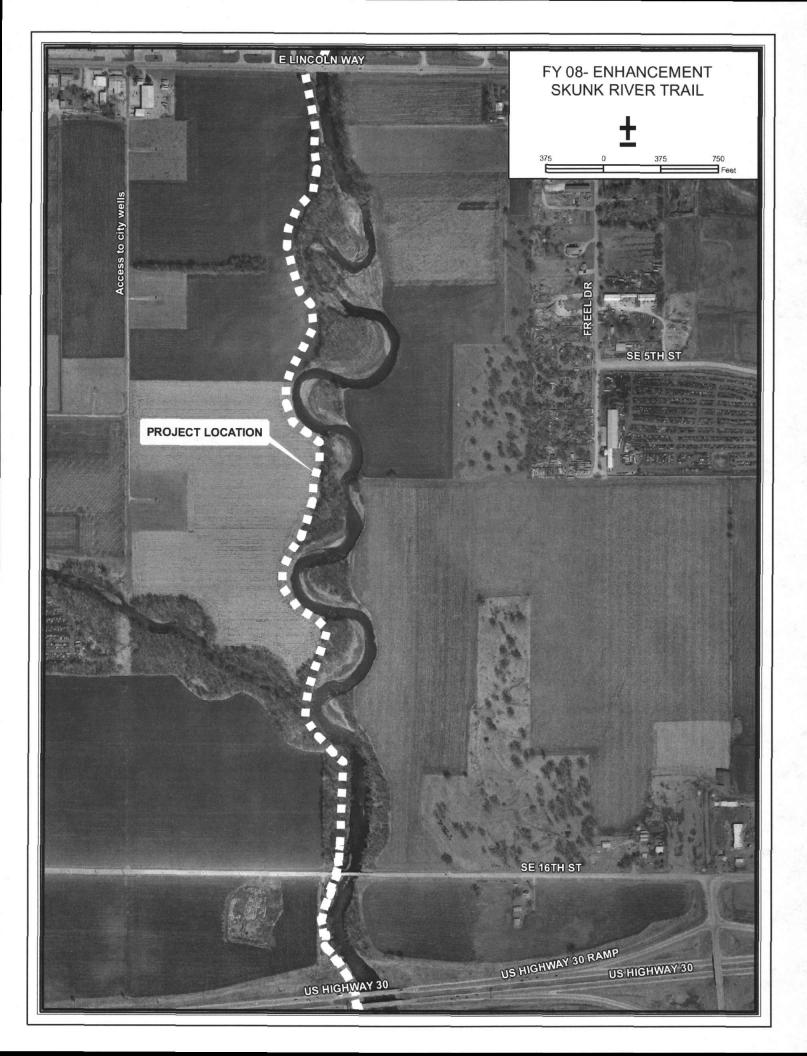
Bridge Number (For Bridge Projects Only): _____

Length: 1.0 miles

Type of Work: Bike Trail Paving

Map (Please include a map indicating project location.)

Total Estimated Cost:	\$ <u>323,375</u>
Federal-Aid:	\$ <u>71,178</u>
Local Match:	\$ <u>252,197</u>
Other:	\$ <u>150,000</u>



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source:

Surface Transportation Program Highway Bridge Replacement and Rehabilitation Program

Federal Fiscal Year:

□ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008) ○ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) □ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) □ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: 13th Street

Termini: Union Pacific Railroad Overpass to Stange Road

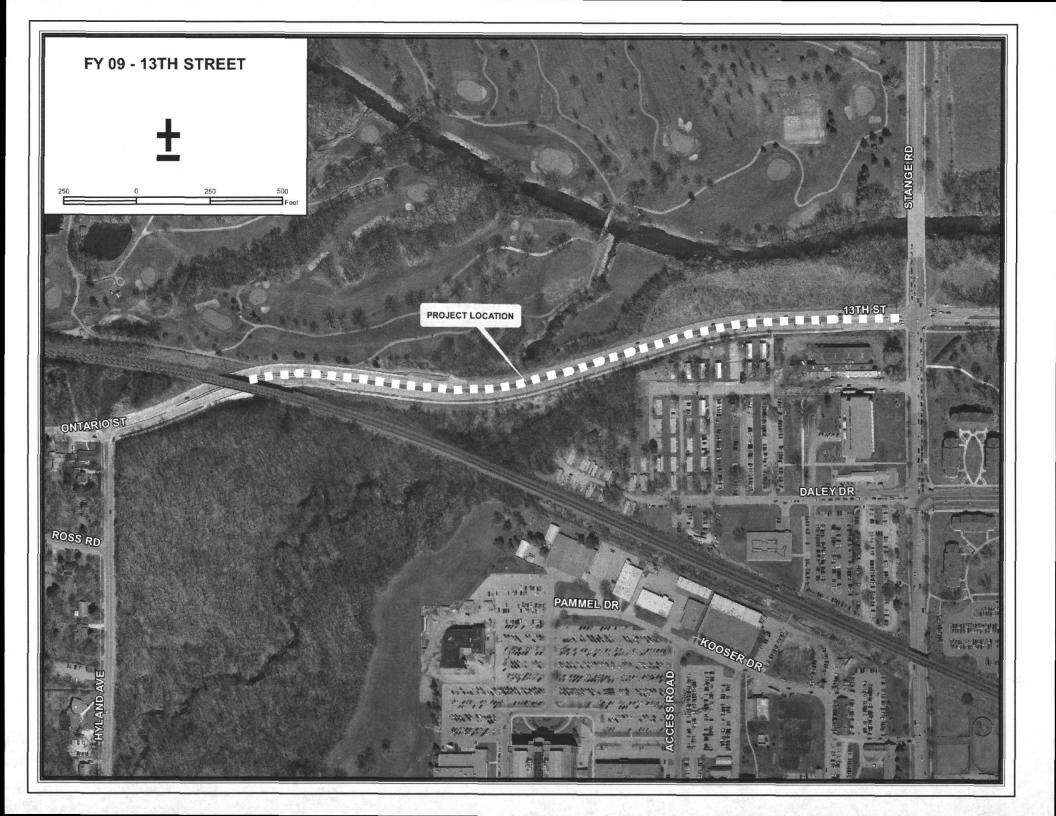
Bridge Number (For Bridge Projects Only): _____

Length: 0.48 miles

Type of Work: Pavement Rehabilitation

Map (*Please include a map indicating project location.*)

Total Estimated Cost:	\$ <u>1,300,000</u>
Federal-Aid:	\$ <u>860,000</u>
Local Match:	\$ <u>440,000</u>
Other:	\$ N/A



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source:

Surface Transportation Program (Enhancement)

Federal Fiscal Year:

□ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008) □ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) □ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) □ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Skunk River Trail

Termini: Hunziker Youth Sports Complex to Southeast 16th Street

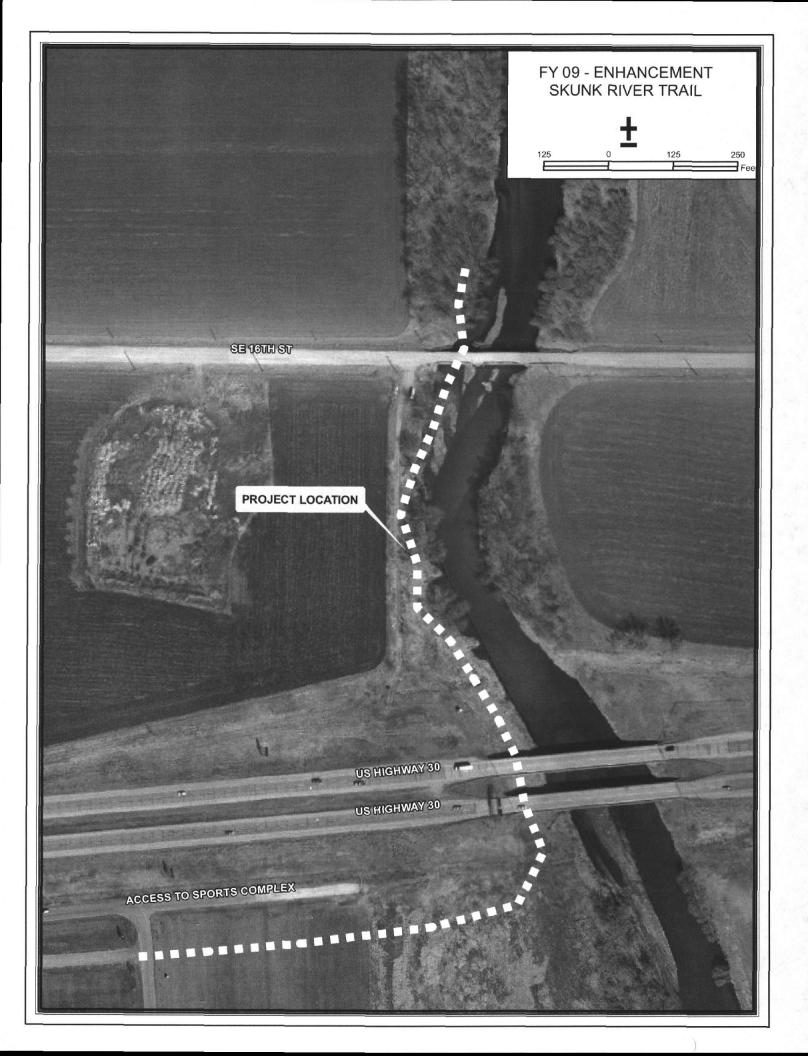
Bridge Number (For Bridge Projects Only): _____

Length: 0.30 miles

Type of Work: Bike Trail Paving

Map (Please include a map indicating project location.)

Total Estimated Cost:	\$ <u>200,000</u>
Federal-Aid:	\$ <u>72,526</u>
Local Match:	\$ <u>127,474</u>
Other:	\$ <u>N/A</u>



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

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 2008 (October 1, 2007 – September 30, 2008) ☐ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) ☑ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) ☐ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: George W. Carver Avenue

Termini: Stange Road to Bloomington Road

Bridge Number (For Bridge Projects Only): _____

Length: 0.90 miles

Type of Work: Pavement Rehabilitation

Map (Please include a map indicating project location.)

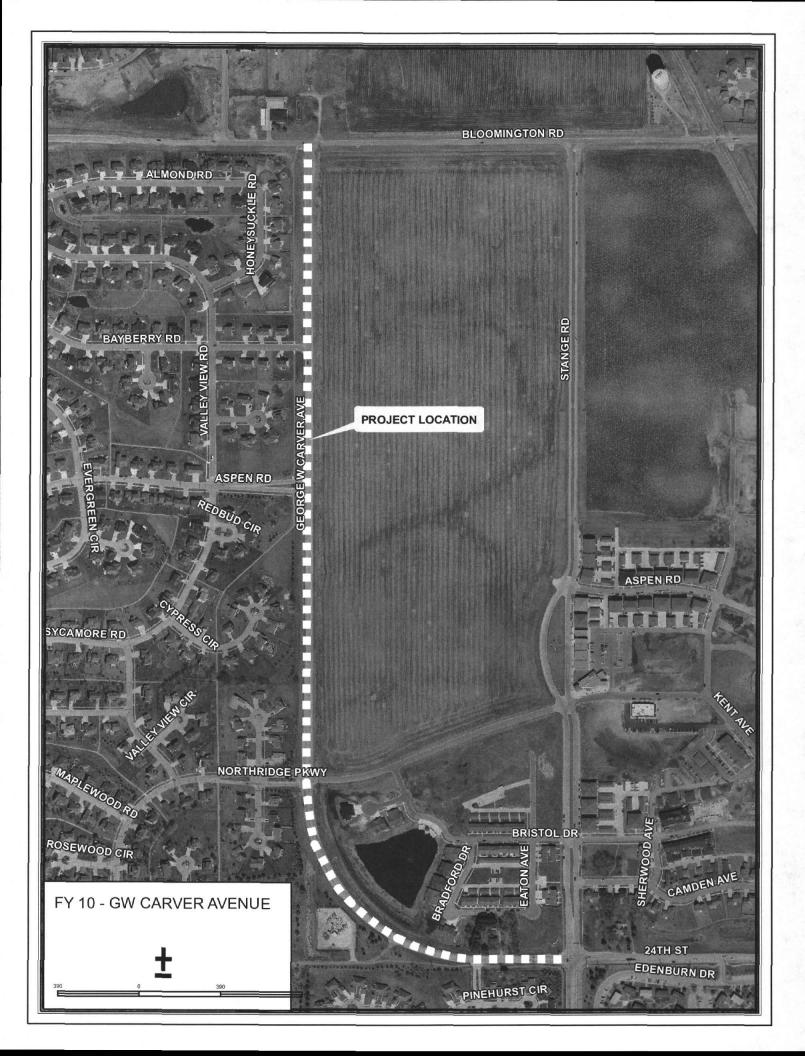
PROJECT COST INFORMATION

Total Estimated Cost: \$ 860,000

Federal-Aid:	\$ 688,000
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Local Match: \$ <u>172,000</u>

Other: \$ N/A



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

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 2008 (October 1, 2007 – September 30, 2008) □ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) ☑ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) □ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Skunk River Trail

Termini: E. 13th Street to Carr Pool

Bridge Number (For Bridge Projects Only): _____

Length: 0.40 miles

Type of Work: Bike Trail Paving

Map (Please include a map indicating project location.)

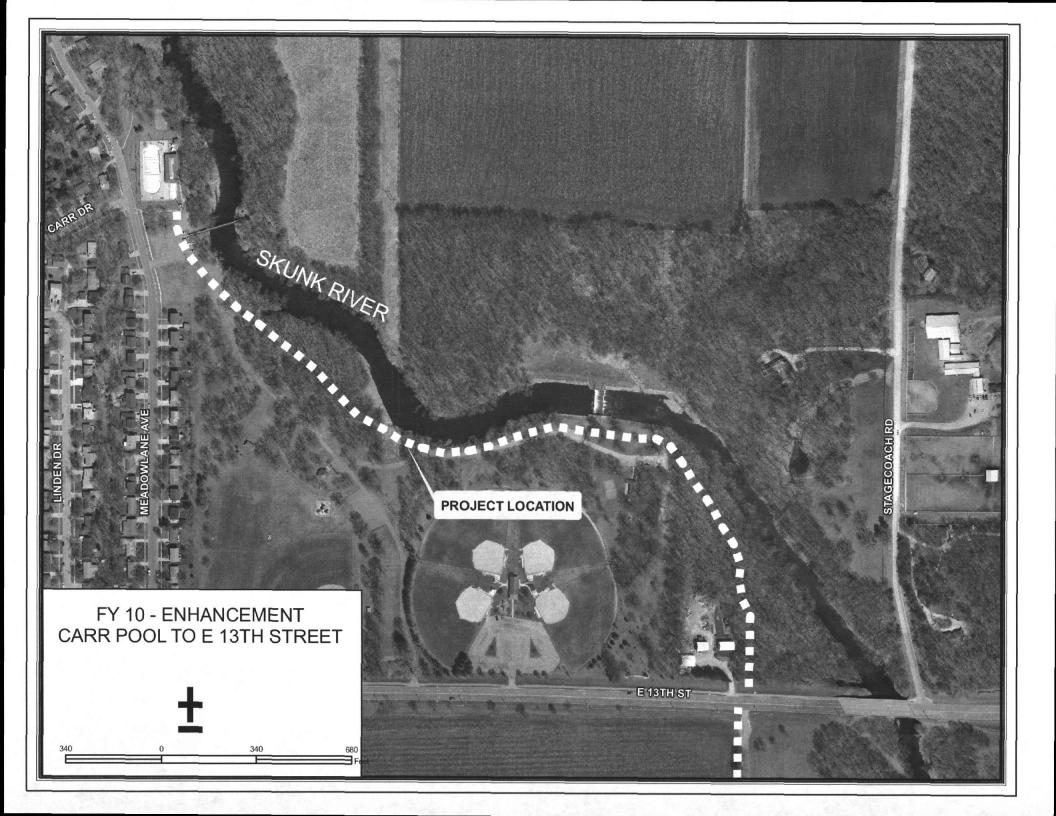
PROJECT COST INFORMATION

Total Estimated Cost: \$ 225,000

Federal-Aid: \$ <u>73,372</u>

Local Match: \$ 151.628

Other: \$ N/A



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: City of Ames

Federal Funding Source:

Surface Transportation Program (Enhancement)

Federal Fiscal Year:

□ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008) □ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) □ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) ☑ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Grand Avenue

Termini: South 16th Street to Squaw Creek Drive

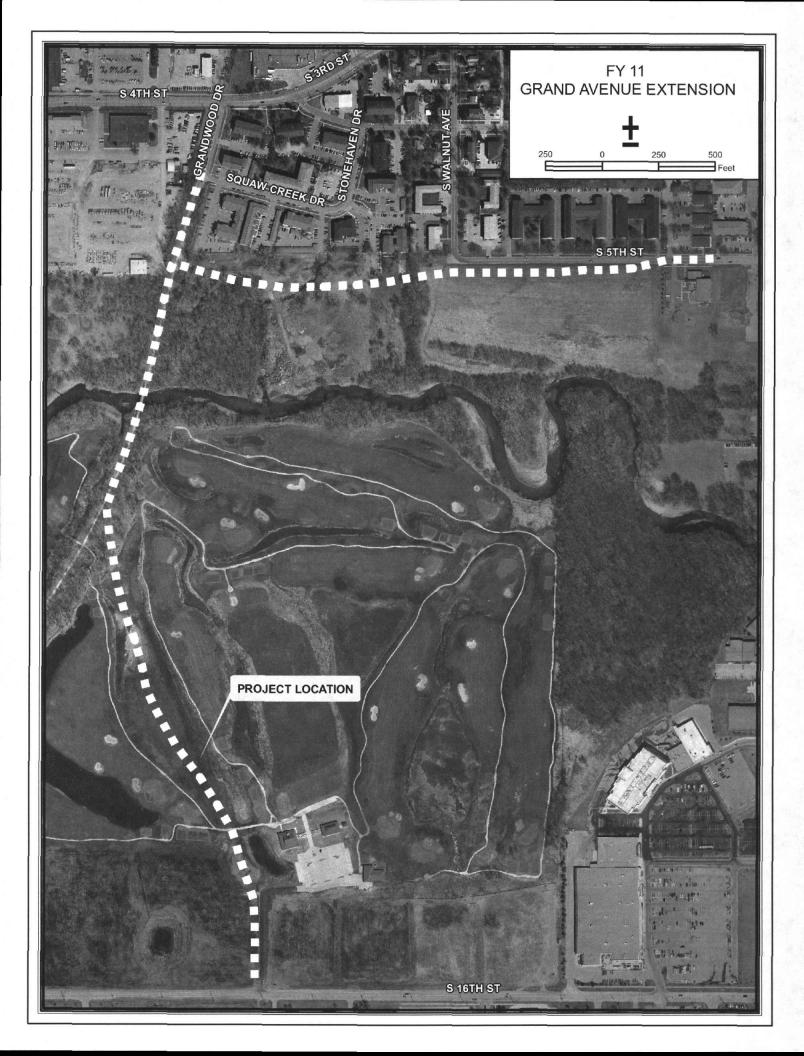
Bridge Number (For Bridge Projects Only): _____

Length: 0.75 miles

Type of Work: Grade and Pave

Map (Please include a map indicating project location.)

Total Estimated Cost:	\$ <u>7,100,000</u>
Federal-Aid:	\$ <u>865,000</u>
Local Match:	\$ <u>6,235,000</u>
Other:	\$



FEDERAL FISCAL YEARS 2008-2011 TRANSPORTATION IMPROVEMENT PROGRAM

NEW PROJECT INFORMATION FORM

Project Sponsor Government: <u>City of Ames</u>

Federal Funding Source:

Surface Transportation Program (Enhancement)

Federal Fiscal Year:

□ Federal Fiscal Year 2008 (October 1, 2007 – September 30, 2008) □ Federal Fiscal Year 2009 (October 1, 2008 – September 30, 2009) □ Federal Fiscal Year 2010 (October 1, 2009 – September 30, 2010) □ Federal Fiscal Year 2011 (October 1, 2010 – September 30, 2011)

Route or Street Name: Skunk River Trail

Termini: E. Lincoln Way to East 13th Street

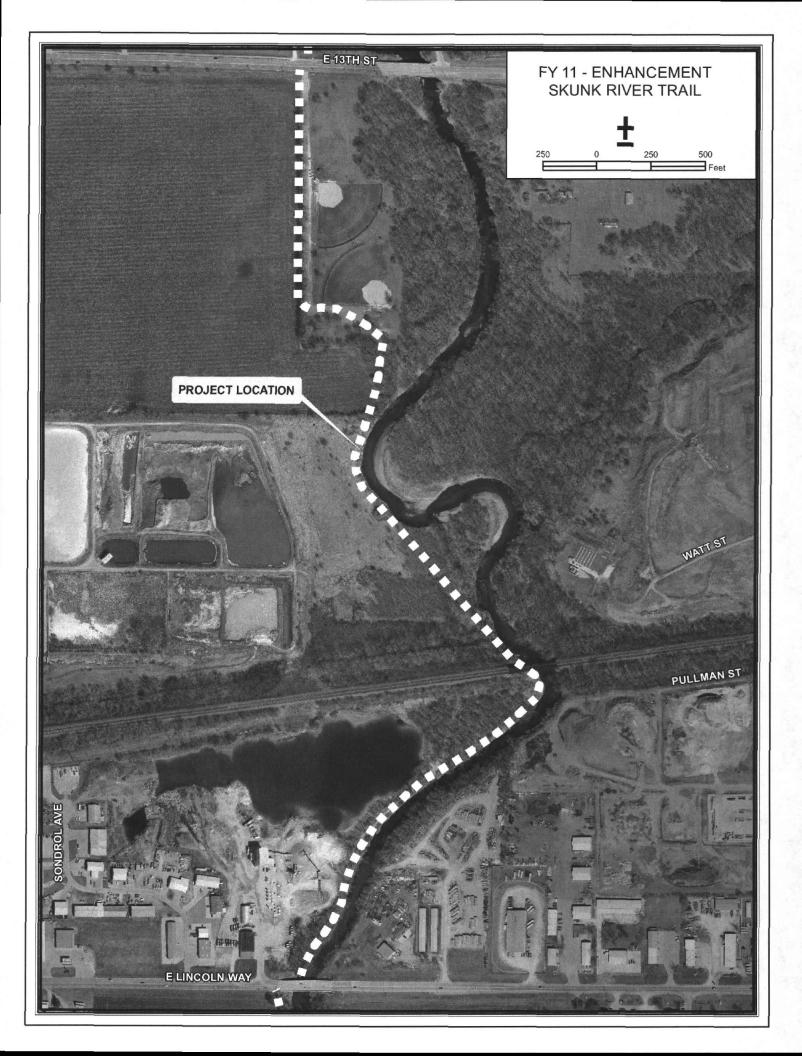
Bridge Number (For Bridge Projects Only): _____

Length: 0.94 miles

Type of Work: Bike Trail Paving

Map (Please include a map indicating project location.)

Total Estimated Cost:	\$ <u>345,000</u>
Federal-Aid:	\$ <u>73,372</u>
Local Match:	\$ <u>271,628</u>
Other:	\$ <u>N/A</u>



Ames Area Metropolitan Planning Organization FY 2008-2011 TIP Summary of FHWA Program

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Surface Transport	ation Program		12	Total Cost x 1000 Federal Participation x 100						and the second se	
Location	Termini	Sponsor	Type of Work	2008	2009	2010	2011	2008	2009	2010	2011
Areawide		City of Ames	SUDAS	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Areawide		City of Ames	Pavement Management	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
North Dakota Avenue	Delaware to Ontario	City of Ames	Pavement Rehabilitation	1,300	Ξ.			783			
13th Street	UPRR to Stange Road	City of Ames	Pavement Rehabilitation		1,300				860		
G.W. Carver Avenue	Stange Rd. to Bloomington	City of Ames	Pavement Rehabilitation			860				688	
Grand Avenue	South 16th Street to Squaw Creek Drive	City of Ames	Grade and Pave				7,100				865
Target Funding		FHWA						791	868	873	873

Enhancements				Total Co	ost x 1000	Fed	ederal Participation x 1000				
Location	Termini	Sponsor	Type of Work	2008	2009	2010	2011	2008	2009	2010	2011
Skunk River Trail	SE 16th Street to E. Lincoln Way	City of Ames	Ped/Bike Paving	323				71			
Skunk River Trail	Hunziker Youth Sports Complex to SE 16th Street	City of Ames	Ped/Bike Paving		200				73		
Skunk River Trail	E. 13th Street to Carr Pool	City of Ames	Ped/Bike Paving			225				73	
Skunk River Trail	E. Lincoln Way to E. 13th Street	City of Ames	Ped/Bike Paving				345				73
Target Funding	" "	FHWA						71	73	73	73

Federal Transit Administration

Section

PLANNING AGENCY: Ames Metropolitan Planning Organization Transportation Improvement Program: Cy-Ride Transit Element Projects FY 08

April 12, 2007

Fried			Vehicle Identification or	Туре	Туре	Total Cost Federal Participation								2008
Fund	System	Project Description	Remarks	Exp	Project	2008 2009		2010	2011	2008	2009	2010	2011	STA
Type 5307/STA	CyRide	General Operations	Remarks	0	110,001	5,806,892	6,039,168	6,280,734	6,531,964	\$1,610,455	\$1,713,131	\$1,798,788	\$1,888,727	487,859
5303	AAMPO	Planning	a and the star	0	and the	30,481	31,701	32,969	34,287	\$24,385	\$25,360	\$26,375	\$27,430	
5316 5316 5316	CyRide CyRide CyRide	Job Access & Reverse Commute East 13th/LincolnWay/Dayton Commercial/Industrial Area Brown Route Frequency/Hours Expansion Yellow Route Expansion		0 0 0	Exp Exp Exp	329,700 44,100 4,620	346,185 46,305 4,851	363,494 48,620 5,094	381,669 51,051 5,348	164,850 22,050 2,310	173,093 23,153 2,426	181,747 24,310 <u>2,547</u> 0	190,834 25,526 2,674	s
5317/Local	CyRide	New Freedom One 40' HD bus with camera	966	с	Rep	339,150	356,108	373,913	392,609	98,850	103,793	108,982	114,431	
5310 5310 5310	CyRide CyRide CyRide	Elderly & Persons with Disabilities Program Contracted paratransit service 1 - 158" Light Duty (Diesel, Urban, Cameras) Transit Amenities		0 C C	Exp Rep	111,013 69,000	134,925 54,752	141,671 57,489	148,755 50,662	88,810 57,270	107940 45,444	113,337 47,716	119,004 42,049	
5309 5309	CyRide CyRide	Replacement Buses and Bus Equipment 10 - 40' HD buses (Cameras) 6 - 158" Light Duty (Diesel, Urban, Cameras)	869, 926, 927, 933, 934 , 980, 981, 983, 985, 990 859, 949, 938, 939, 960, 961	c c	Rep Rep	3,230,000 468,000				2,680,900 388,440				3
5309 5309	CyRide CyRide	Security: Human Health/Safety Threats Scissor Lift for Shop/Maintenance Shop Exhaust Removal System/HVAC System	20 Cameras(20*\$1,333) ;	с	Exp Exp	35,000 200,000				28,000 160,000				
5309 5309	CyRide CyRide	Facility Cameras/Proximity Card Access Steam clean area; hoist and floor repair	10 Proximity Cards 2009: (\$8,000*13), 2010:	c c	Exp Rep	56,660	200,000			45,328	0 160,000			
5309 5309 5309	CyRide CyRide CyRide	Vehicle Security System Camera Replacement Storage area air handling replacement Stange Rd/Univ Village traffic control	(\$8,000*14)	с с с	Rep Rep Exp		104,000	112,000 150,000	180,000	0	83,200	89,600 120,000	144,000	
5309 5309 5309 5309	CyRide CyRide CyRide CyRide	Direct Earmarks Garage Rehab and Expansion Phase III (Direct Ear AVL technology, web planner, passenger counters Resurface ISC Commuter Parking ISU North Intermodal Facility	marks)	c c c c c	Exp/Reh Exp Reh Exp	543,400	564,300 1,632,540 1,000,000	1,000,000	500,000	434,720	451,440 1,175,429 720,000	800,000 12,500,000	400,000	
Total Capital					Total Capital	11,268,016 4,941,210		24,190,984 17,318,402	8,276,345 1,123,270	5,806,368 3,893,508	4,784,407 2,739,305	15,813,402 13,666,298		

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2008-11 TRANSPORTATION IMPROVEMENT PROGRAM

SUPPLEMENTAL INFORMATION

Project Selection

The AAMPO Policy Committee adopted a project rating criteria system as a means of ranking submitted projects. Four projects were submitted and rated. 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.

The Transit Board has approved transit projects from CyRide.

Status of Previously Approved Projects

The Federal Fiscal Year 2007 highway element project, as approved in the 2007-2010 STIP, is the reconstruction of Beach Avenue from Mortensen Parkway to Lincoln Way. This project was let by IDOT and awarded to Allied Construction, Inc. of Charles City, Iowa. Construction will take place during the summer of 2007.

The FY2006 enhancement element project is a shared use path along the west side of Grand Avenue from Murray Drive to 20th Street. Construction is scheduled to be completed in the fall of 2007.

Fiscal Constraint

The AAMPO FY 2008 programming targets are \$791,301 for the highway element and \$71,178 for the enhancement element. As noted in the TIP, the requested Federal funds for highway and enhancement elements will fully utilize the target amounts. The Ames City Council has programmed these projects in the City of Ames 2007-2012 Capital Improvement Plan for local funding allocation.

The Transit program does not have targets and thus the requests involve significant costs in the anticipation of maximizing the amounts received.

Public Participation Process

A notice advising the public about the draft TIP and 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.

Self Certification

FHWA, FTA, and IDOT review of the AAMPO is scheduled for May 8, 2007.

FY 2008 TIP Project Justification

Job Access & Reverse Commute

<u>Commercial/Industrial Area (East 13th Street/Lincoln Way/Dayton Avenue)</u>: New route would be added to travel to the E. 13th 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 mall to open by spring 2009. This area was a priority for a new service route within the Passenger Transportation Development Plan process.

Brown Route Frequency/Hours Expansion: Additional service between campus and North Grand Mall for demand in the Somerset area is needed during the summer weekday and weekday nights. Weekday night would increase to 40-minute frequencies until 9:00pm instead of ending at 7:00 pm and Weekday Summer doubling to 20-minute service.

Yellow Route Expansion: Additional mid-day service to the southeast area of Ames would be increased to operate every 60 minutes alternating between the current route and this southeast area allowing connections directly to ISU campus instead of transferring at Ames City Hall. Only one mid-day trip currently operates to this area.

New Freedom

Heavy Duty Bus Replacement: Replace bus number 966 with 40' heavy duty bus with camera.

Elderly and Persons with Disabilities Program

<u>Contracted Paratransit Service</u>: Purchased Dial-A-Ride transportation service for the City of Ames, therefore, meeting the ADA requirement to provide transportation within a ³/₄ mile area of any fixed-route. This requirement has been expanded to the entire Ames' city limits.

Light Duty Bus (Diesel): One additional 158" light duty bus, equipped for elderly and disabled accessibility, will be added to the fleet.

Replacement Buses and Bus Equipment:

<u>Heavy Duty Bus Replacement</u>: All listed buses have exceeded FTA guidelines for useful life. These units will be replaced with 40' heavy duty buses, equipped with cameras. Bus numbers are 869, 926, 927, 933, 934, 980, 981, 983, 985, and 990.

<u>Light Duty Bus Replacement:</u> All listed buses have exceeded FTA guidelines for useful life. These units will be replaced with 158" light duty diesel buses, equipped with cameras. Bus numbers are 859, 938, 939, 949, 960, and 961.

Security: Human Health/Safety Threats

<u>Scissor Lift for Shop/Maintenance:</u> Existing service worker lift for overhead facilities maintenance is at the end of its useful life. Lift has become unrealiable and does not meet current safety standards.

<u>Shop Exhaust Removal System/HVAC System:</u> Replace current antiquated exhaust system to extract diesel engine exhaust as well as install new HVAC system for better ventilation within the shop area improving heath conditions as recommended by a study performed by Worksafe lowa Department of Occupational and Environmental Health.

<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.

Direct Earmarks

<u>Garage Rehabilitation and Expansion, Phase III:</u> A feasibility study was completed in November 2001 that provided for a three Phase expansion and modernization of the CyRide maintenance and office facility. The first phase was completed in December 2003. The second phase is scheduled to begin construction on a new administrative area for CyRide in April 2007. CyRide is expecting two more earmarks through SAFTEA-LU in 2008 and 2009 under current authorization.

ADA Compliance:

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Replacement buses will be accessible and are part of the CyRide ADA plan. CyRide is in compliance with ADA regulations and the other elements of the TIP are not related to ADA implementation.

Passenger Transportation Development Plan (PTDP) Process:

The transit projects identified within the draft FY2008-2011 TIP have been included within the FY2008-2011 PTDP document meeting the requirement to have all federal and state transit funding within an approved PTDP prior to TIP approval.