

**DEPARTMENT OF TRANSPORTATION
COMMISSION ORDER**

Division/Bureau/Office Planning, Programming and Modal Division
Office of Systems Planning Order No. _____
 Submitted by Debra Arp Phone No. 515-239-1681 Meeting Date January 13, 2015
 Title Iowa's Clean Air Attainment Program Funding Recommendations

DISCUSSION/BACKGROUND:

Review of the current round of applications for funding from Iowa's Clean Air Attainment Program has been completed. The following funding recommendations will be presented.

#2 Green/#6 Brown/#3 Blue Service Expansion & Bus Expansion (Ames Transit Agency)	\$ 860,734
Adaptive Traffic Signal Control System - 50th Street/60th Street (West Des Moines)	\$ 397,960
Express Routes #92,#93,#98 Service Improvements (Des Moines Area Regional Transit Authority)	\$ 227,453
I-380 and Boyson Road Interchange Improvements (Hiawatha)	\$1,000,000
Smart Transit: Midtown Loop (Grey Line) and Feeder (Express) (Dubuque dba The Jule Transit)	\$ 442,735
University of Iowa/Iowa City Bike Share Program (University of Iowa and Iowa City)	\$ 135,300
US Hwy 6 Adaptive Traffic Control System Implementation (Clive and Urbandale)	\$ 665,600
Windsor Heights Transit Station and Park & Ride (Des Moines Area Regional Transit Authority and Windsor Heights)	\$ 200,000
Total	\$3,929,782

PROPOSAL/ACTION RECOMMENDATION:

It is recommended the Commission approve Iowa's Clean Air Attainment Program funding recommendations as listed.

COMMISSION ACTION:				
Moved by _____	Seconded by _____	Boswell	Aye	Vote Nay
		Huber	_____	_____
		Miles	_____	_____
		Putney	_____	_____
		Reasner	_____	_____
		Rose	_____	_____
		Yanney	_____	_____
_____ Division Director	_____ Legal	_____ State Director		

IOWA'S CLEAN AIR ATTAINMENT PROGRAM (ICAAP)

Application Summary and Funding Proposal

OCTOBER 2014 FUNDING CYCLE

October 2014 Funding Summary

Available Funding

Iowa's Clean Air Attainment Program funds available: \$4,000,000

Application Summary

Total number of projects: 13

Total project costs: \$17,356,697

Total amount requested: \$7,162,360

Recommendation Summary

Total amount awarded: \$3,929,782

Funding Proposal

Staff recommends the following projects be approved for ICAAP funding:

No.	Project Name	<u>Grant</u>	<u>Cumulative</u>
1.	#2 Green/#6Brown/#3Blue Service Expansion & Bus Expansion (Ames Transit Agency)	\$ 860,734	\$ 860,734
2.	Adaptive Traffic Signal Control System - 50th Street/60th Street (West Des Moines)	\$ 397,960	\$1,258,694
3.	Express Routes #92,#93,#98 Service Improvements (Des Moines Area Regional Transit Authority)	\$ 227,453	\$1,486,147
4.	I-380 and Boyson Road Interchange Improvements (Hiawatha)	\$1,000,000	\$2,486,147
5.	Smart Transit: Midtown Loop (Grey Line) and Feeder (Express) (Dubuque dba The Jule Transit)	\$ 442,735	\$2,928,882
6.	University of Iowa / Iowa City Bike Share Program (University of Iowa and Iowa City)	\$ 135,300	\$3,064,182
7.	US Hwy 6 Adaptive Traffic Control System Implementation (Clive and Urbandale)	\$ 665,600	\$3,729,782
8.	Windsor Heights Transit Station and Park & Ride (Des Moines Area Regional Transit Authority and Windsor Heights)	\$ 200,000	\$3,929,782
9.	Collins Road NE IA Hwy 100 Improvements C Avenue N and Old Marion Rd NE Intersection Improvements (Cedar Rapids)		
10.	Collins Road NE Iowa Highway 100 Improvements: 51st Street Realignment at Council Street NE (Cedar Rapids)		
11.	Grinnell Area Recreational Trail (Grinnell/Imagine Grinnell)		
12.	Regional Traffic Analysis and Public Education for Traffic Safety (Bi-State Regional Commission)		
13.	SW 63rd Street and Park Avenue Intersection Improvements (Des Moines)		

- 1. Project Name:** **#2 Green/#6Brown/#3Blue Service Expansion & Bus Expansion**

Sponsor: Ames Transit Agency
Contact: Sheri Kyras, Transit Director
1700 University Blvd.
Ames, IA 50010

Description: CyRide proposes to expand its service frequency on the #2 Green/#6 Brown weekday routes and the #3 Blue (campus to S. Duff) Sunday routes providing additional capacity on these core CyRide routes for year two and three of this expansion. This project also requests two expansion 40 foot heavy duty buses in order to operate the additional frequency on the #2 Green/#6 Brown weekday service.

Total Cost: \$1,279,140
Requested Amount: \$1,023,312 (80%)

- 2. Project Name:** **Adaptive Traffic Signal Control System – 50th Street/60th Street**

Sponsor: City of West Des Moines
Contact: Jim Dickinson, PE, Principal Engineer-Traffic
560 South 16th Street
West Des Moines, IA 50265

Description: Purchase of equipment for an adaptive traffic signal control system at six intersections along a one mile section of 50th Street from Ashworth Road to Corporate Drive and at seven intersections along a one mile section of 60th Street from Ashworth Road to Methodist Hospital Entrance.

Total Cost: \$497,450
Requested Amount: \$397,960 (80%)

- 3. Project Name:** **Express Routes #92,#93,#98 Service Improvements**

Sponsor: Des Moines Area Regional Transit Authority
Contact: Debra Meyer, Financial Analyst
620 Cherry Street
Des Moines, IA 50309

Description: DART is requesting second year funding for service improvements implemented on three of our most heavily used express routes.

Total Cost: \$284,316
Requested Amount: \$227,453 (80%)

4. Project Name: I-380 and Boyson Road Interchange Improvements

Sponsor: City of Hiawatha
Contact: Kim Downs, City Administrator
101 Emmons Street
Hiawatha, IA 52233

Description: This project includes widening Boyson Road at the interchange with Interstate-380, adding a westbound to southbound loop ramp, and realigning the I-380 northbound ramps further into the west to provide better signal spacing. New traffic signals will be installed at both the northbound and southbound ramp intersections.

Total Cost: \$4,815,000
Requested Amount: \$1,000,000 (21%)

5. Project Name: Smart Transit: Midtown Loop (Grey Line) and Feeder (Express)

Sponsor: Jule Transit (City of Dubuque)
Contact: Candace Eudaley
2401 Central Avenue
Dubuque, IA 52001

Description: The Jule Transit is requesting operating funds for the third year of The Midtown Loop and Feeder (Express) routes.

Total Cost: \$586,791
Requested Amount: \$442,735 (75%)

6. Project Name: University of Iowa / Iowa City Bike Share Program

Sponsor: The University of Iowa
Contact: Liz Christiansen, Director, Office of Sustainability
1680 University Capitol Centre
200 South Capitol Street
Iowa City, IA 52242-5500

CoSponsor: City of Iowa City
Contact: Chris O'Brien
410 East Washington Street
Iowa City, IA 52240

Description: Establish the first phase of a third generation bike share program in the City of Iowa City and on the campus of the University of Iowa. The first phase of the program will include three bike stations, each with 15 docks and 10 bicycles. The bike stations will be located at east-campus student residential housing, at the center of the east campus at Seamans Center, and at the entrance to the Iowa City Pedestrian Mall.

Total Cost: \$177,000
Requested Amount: \$135,300 (76%)

7. Project Name: US Hwy 6 Adaptive Traffic Control System Implementation

Sponsor: City of Clive
Contact: Bart Weller, Public Works Director
2123 NW 111th Street
Clive, IA 50325

CoSponsor: City of Urbandale
Contact: Dave McKay, Director of Engineering & Public Works
3600 86th Street
Urbandale, IA 50322

Description: The project includes performing a systems engineering study to select the appropriate adaptive signal system technology for implementation along US Hwy 6 (Hickman Road) from 70th Street (Urbandale/Windsor Heights) to NW 156th Street (Clive), over six miles and 15 signalized intersections. Following the systems engineering study, the appropriate adaptive technology will be implemented at all intersections.

Total Cost: \$832,000
Requested Amount: \$665,600 (80%)

- 8. Project Name: Windsor Heights Transit Station and Park & Ride**
- Sponsor:** Des Moines Area Regional Transit Authority
Contact: Debra Meyer, Financial Analyst
620 Cherry Street
Des Moines, IA 50309
- CoSponsor:** City of Windsor Heights
Contact: Jason Van Ausdall, Public Works Director
1133 66th Street
Windsor Heights, IA 50324
- Description:** DART is requesting capital funding to construct a transit station and park & ride at Apple Valley Shopping Center in Windsor Heights.
- Total Cost:** \$250,000
Requested Amount: \$200,000 (80%)
- 9. Project Name: Collins Road NE IA Hwy 100 Improvements: C Avenue N and Old Marion Rd NE Intersection Improvments**
- Sponsor:** City of Cedar Rapids
Contact: Robert A. Davis, P.E. Engineering Manager
1201 6th Street SW
Cedar Rapids, IA 52404
- Description:** This project is coordinated with a larger, overall Collins Road (IA 100) improvement to divert traffic destined for retail areas from the already congested Collins Road corridor. This project relocates Old Marion Road and C Avenue intersection link with a proposed backage road to allow vehicle and pedestrian access to the retail areas, bypassing Collins Road.
- Total Cost:** \$4,066,000
Requested Amount: \$1,000,000 (25%)

**10. Project Name: Collins Road NE Iowa Highway 100 Improvements:
51st Street Realignment at Council Street NE**

Sponsor: City of Cedar Rapids
Contact: Robert A. Davis, P.E. Engineering Manager
1201 6th Street SW
Cedar Rapids, IA 52404

Description: This project is coordinated with a larger, overall Collins Road (IA 100) improvement to separate the intersection of 51st Street and Council Street from Collins Road and Council Street. This project relocates 51st Street north to align with the Park Place intersection, combining the offset Tee intersections into one four legged intersection. It also provides an additional 200' of separation from Collins Road.

Total Cost: \$2,974,000
Requested Amount: \$ 900,000 (30%)

11. Project Name: Grinnell Area Recreational Trail

Sponsor: City of Grinnell
Contact: Gordon Canfield, Mayor
927 Fourth Avenue
Grinnell, IA 50112

CoSponsor: Imagine Grinnell
Contact: Sarah Smith, Executive Director
PO Box 344
Grinnell, IA 50112

Description: This segment of the trail connects the residential portion of the community to the large employers in the south part of Grinnell. Once completed, Grinnell will have access to a nearly twelve mile trail.

Total Cost: \$775,000
Requested Amount: \$530,000 (68%)

12. Project Name: Regional Traffic Analysis and Public Education for Traffic Safety

Sponsor: Bi-State Regional Commission
Contact: Gena McCullough, Planning Director
1504 Third Avenue
PO Box 3368
Rock Island, IL 61204

Description: The purpose of this project is to improve air quality by reducing the frequency of nonrecurring congestion in the Bi-State Region. AirSage data will be purchased to enhance the travel demand model to better plan for future infrastructure needs. Synchro Studio Software will be purchased to analyze current traffic issues. Promotion of alternative transportation will reduce cars on the road.

Total Cost: \$50,000
Requested Amount: \$40,000 (80%)

13. Project Name: SW 63rd Street and Park Avenue Intersection Improvements

Sponsor: City of Des Moines
Contact: Calvin Miller, Civil Engineer 1
400 Robert D. Ray Drive
Des Moines, IA 50309

Description: Construct northbound right turn lane, westbound left turn lane, and resignalization of intersection. Work would be done in conjunction with a separate project - "Park Avenue Widening" between SW 63rd Street and SW 56th Street.

Total Cost: \$770,000
Requested Amount: \$600,000 (78%)