

# **IOWA'S CLEAN AIR ATTAINMENT PROGRAM (ICAAP)**

## **Application Summary**

### **October 2014 FUNDING CYCLE**

**October 10, 2014**

## **October 2014 Funding Summary**

### **Application Summary**

**Total number of projects: 13**

**Total project costs: \$17,356,697**

**Total amount requested: \$7,162,360**

<b>No.</b>	<b>Project Name</b>	<b>Total Cost</b>	<b>Requested Amount</b>
1.	#2 Green/#6Brown/#3Blue Service Expansion & Bus Expansion (Ames Transit Agency)	\$1,279,140	\$1,023,312
2.	Adaptive Traffic Signal Control System - 50th Street/60th Street (West Des Moines)	\$497,450	\$397,960
3.	Collins Road NE IA Hwy 100 Improvements C Avenue N and Old Marion Rd NE Intersection Improvements (Cedar Rapids)	\$4,066,000	\$1,000,000
4.	Collins Road NE Iowa Highway 100 Improvements: 51st Street Realignment at Council Street NE (Cedar Rapids)	\$2,974,000	\$900,000
5.	Express Routes #92,#93,#98 Service Improvements (Des Moines Area Regional Transit Authority)	\$284,316	\$227,453
6.	Grinnell Area Recreational Trail (Grinnell/Imagine Grinnell)	\$775,000	\$530,000
7.	I-380 and Boyson Road Interchange Improvements (Hiawatha)	\$4,815,000	\$1,000,000
8.	Regional Traffic Analysis and Public Education for Traffic Safety (Bi-State Regional Commission)	\$50,000	\$40,000
9.	Smart Transit: Midtown Loop (Grey Line) and Feeder (Express) (Jule Transit City of Dubuque)	\$586,791	\$442,735
10.	SW 63rd Street and Park Avenue Intersection Improvements (Des Moines)	\$770,000	\$600,000
11.	University of Iowa / Iowa City Bike Share Program (University of Iowa)	\$177,000	\$135,300
12.	US Hwy 6 Adaptive Traffic Control System Implementation (Clive and Urbandale)	\$832,000	\$665,600
13.	Windsor Heights Transit Station and Park & Ride (Des Moines Area Regional Transit Authority and Windsor Heights)	\$250,000	\$200,000

**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 a 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: Collins Road NE IA Hwy 100 Improvements: C Avenue N and Old Marion Rd NE Intersection Improvements**

**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%)

**4. 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%)

5. **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%)
6. **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%)
7. **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%)

- 8. 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%)
- 9. 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%)
- 10. 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%)

**11. 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%)

**12. 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 86<sup>th</sup> 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%)

- 13. 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 66<sup>th</sup> 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%)