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Iowa's Clean Air Attainment Program
Funding Recommendation

Iowa's Clean Air Attainment Program

- **Iowa's Clean Air Attainment Program (ICAAP) was created in 1994.**
- **Modeled after the federal Congestion Mitigation and Air Quality Improvement Program established in 1991.**
- **Available to cities, counties, public transit agencies, MPOs, RPAs, and state agencies. Private non-profit or for-profit entities when co-sponsored by an eligible public agency through an annual application program.**
- **Purpose is to award funds to projects with the highest potential for reducing transportation-related congestion and air pollution.**

Project Evaluation Criteria

- Vehicle traffic flow improvements (25 points)
- Vehicle miles of travel (VMT) or single-occupant vehicle (SOV) reduction (25 points)
- Estimated vehicle emission reduction (20 points)
- Degree of transportation-related air pollution or traffic congestion (15 points)
- Project cost effectiveness relative to air quality benefits (30 points)

Available Funding and Application Summary

- **Available Funding:**
  - **Iowa's Clean Air Attainment Program funds available: $4,000,000**
- **Application Summary:**
  - **Total number of projects: 10**
  - **Total project costs: $14,785,900**
  - **Total amount requested: $6,022,630**

List of Applications Recommended

PROJECT NAME	SPONSOR	SCORE	TOTAL PROJECT COST	REQUESTED AMOUNT (% of Total Project Cost)	RECOMMENDED AMOUNT (% of Total Project Cost)
West Ames Changes: (New Expansion Route #12 Lilac & Bus; Added frequency (#1 Red, #11 Cherry, #7 Purple) – Year 2	Ames Transit Agency	88.0	$424,957	$339,965 (80%)	$339,965 (80%)
First Phase Deployment Ames Traffic Signal Master Plan	City of Ames	77.4	$1,470,648	$1,176,518 (80%)	$1,176,518 (31%)
Euclid/Douglas Avenue Crosstown (Route 50) Year 3	Des Moines Area Regional Transit Authority	76.2	$392,186	$313,749 (80%)	$313,749 (80%)
#11 Cherry, Add Night Service – Year 1	Ames Transit Agency	74.0	$40,703	$32,562 (80%)	$32,562 (80%)

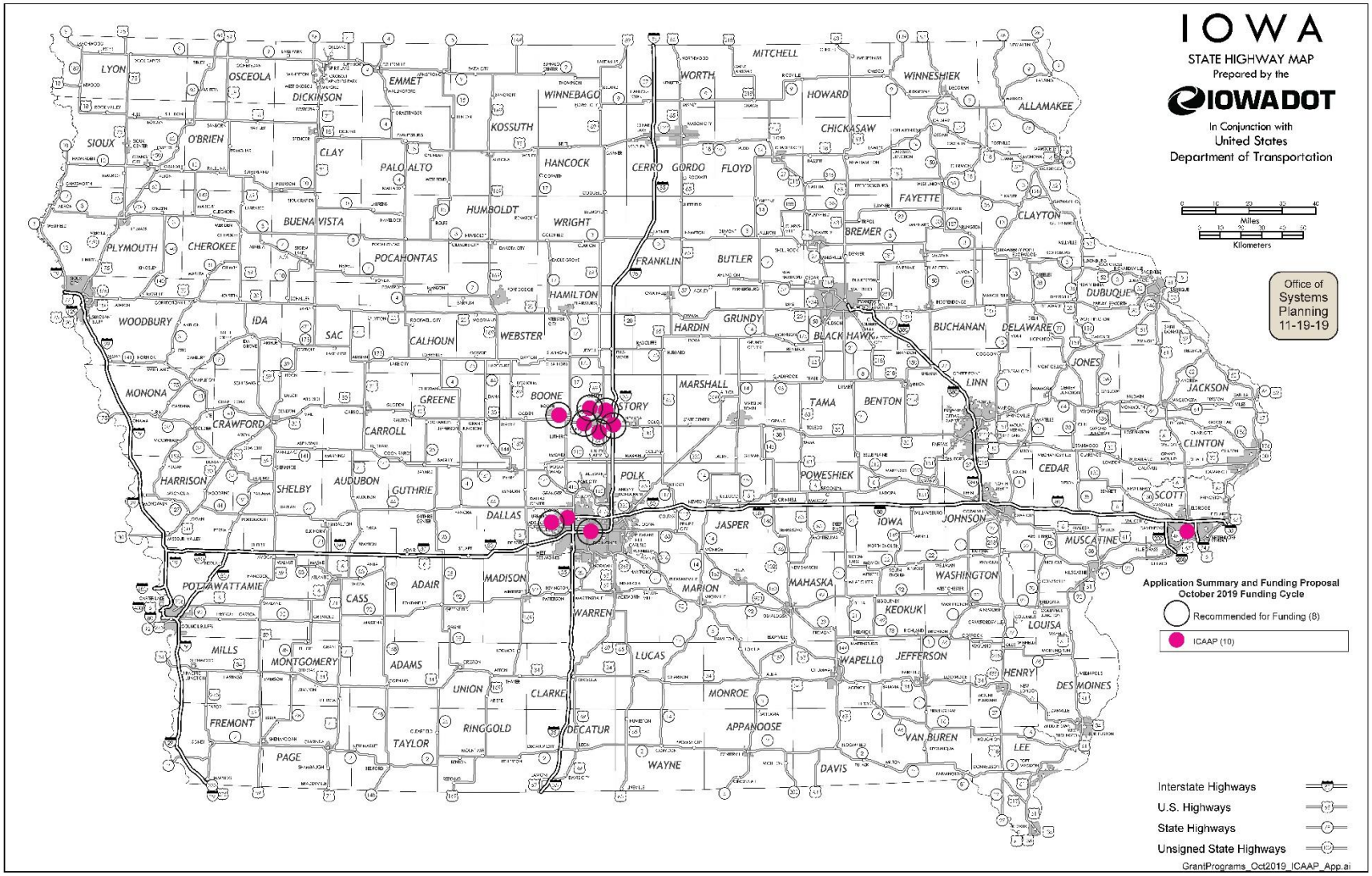
Jump to applications not recommended for funding

List of Applications Recommended

PROJECT NAME	SPONSOR	SCORE	TOTAL PROJECT COST	REQUESTED AMOUNT (% of Total Project Cost)	RECOMMENDED AMOUNT (% of Total Project Cost)
Iowa 17 (S. Avenue) Railroad Overpass and 200th St Connection	Boone County	73.4	$2,578,300	$800,000 (31%)	$800,000 (31%)
#12 Lilac, Add Midday Service – Year 1	Ames Transit Agency	71.0	$38,411	$30,728 (80%)	$30,728 (80%)
#6 Brown, Add Night Service – Year 1	Ames Transit Agency	69.6	$36,385	$29,108 (80%)	$29,108 (80%)
Roundabout at Warrior Lane, Ashworth Dr, and Northview Dr	Waukee	66.1	$1,900,000	$1,400,000 (74%)	$1,277,370 (67%)

Jump to applications not recommended for funding

Map of Applications Received



Estimated Annual Benefits of Recommended Projects

- **Reduction of Vehicle Hours of Travel: 659,157**
- **Reduction of Vehicle Miles of Travel: 5,131,535**
- **Improved Air Quality**
  - **Reduced CO, VOCs, & NOx Emissions: 239,746 lbs.**

QUESTIONS?

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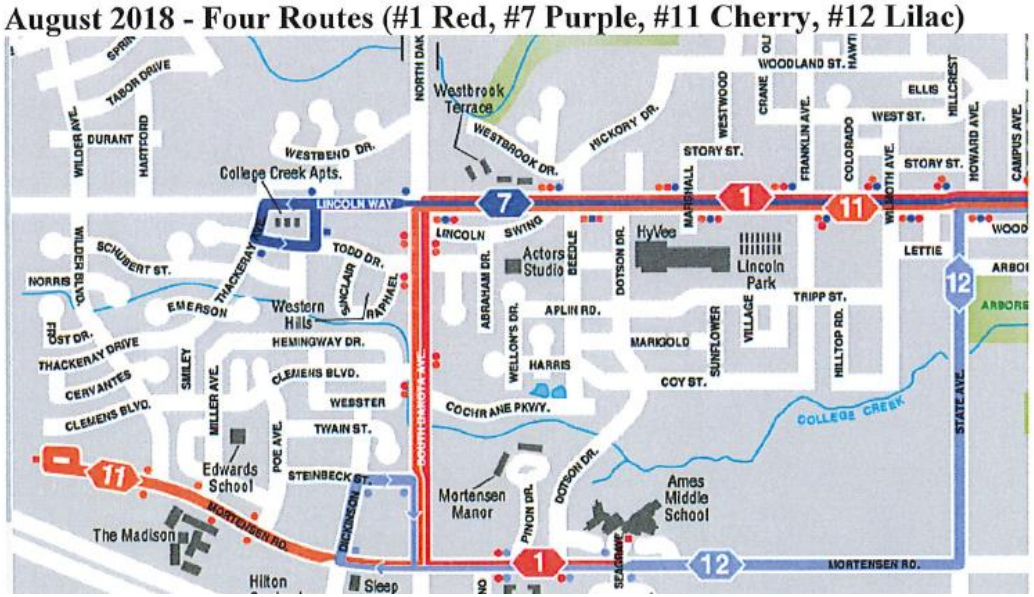
West Ames Changes (Ames Transit Agency)

New expansion route for #12 Lilac, additional frequency to route #1 Red, additional frequency to route #11 Cherry, and additional frequency to route #7 Purple.

Total Cost: **$424,957**
Requested: **$339,965 (80%)**



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First Phase Deployment Ames Traffic Signal Master Plan (Ames)

Install fiber optic cable and network switching equipment, traffic signal cabinets, Advanced Traffic Controllers, Advanced Traffic Management System, and software to provide communication and traffic management capabilities for the Duff Avenue Corridor.

Total Cost: **$1,470,648**
Requested: **$1,176,518 (80%)**

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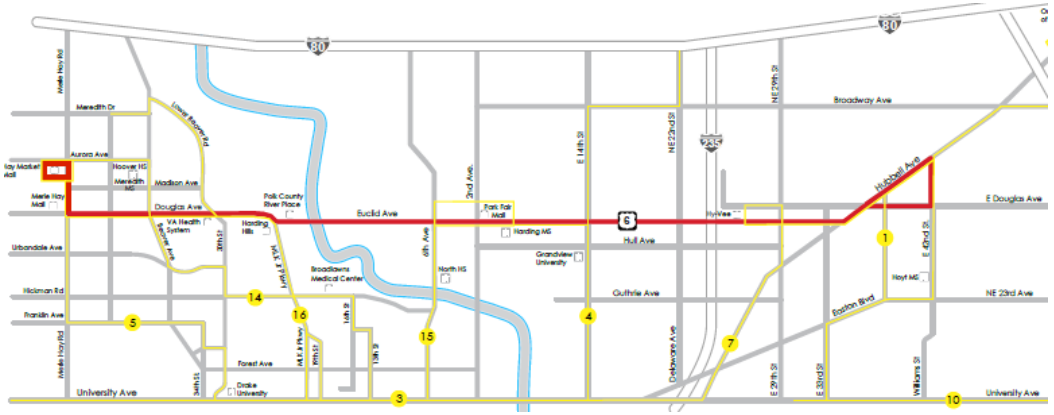
Euclid Ave/Douglas Ave Crosstown – Year Two (Des Moines Area Regional Transit Authority)

Final year funding request of an all-day crosstown transit service that travels along Euclid Avenue/Douglas Avenue from East 42nd Street to Merle Hay Road.



Total Cost: $392,186
Requested: $313,749 (80%)

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#11 Cherry, Add Night Service – Year 1 (Ames Transit Agency)

Add new night service trips to the #11 Cherry route to improve safety and due to residential demand.

Total Cost: **$40,703**
Requested: **$32,562 (80%)**

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IA 17 (S Ave) Railroad Overpass and 200th Street Connection (Boone County)

Pave 1.5 mile segment of 200th Street in Boone County from Boone Industrial Park to realigned IA 17 as a result of closing at-grade railroad crossings at Quartz Avenue and R Avenue.

Total Cost: $2,578,300
Requested: $800,000 (31%)

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#12 Lilac, Add Midday Service – Year 1 (Ames Transit Agency)

Add new midday service trips to the #12 Lilac route due to residential demand.

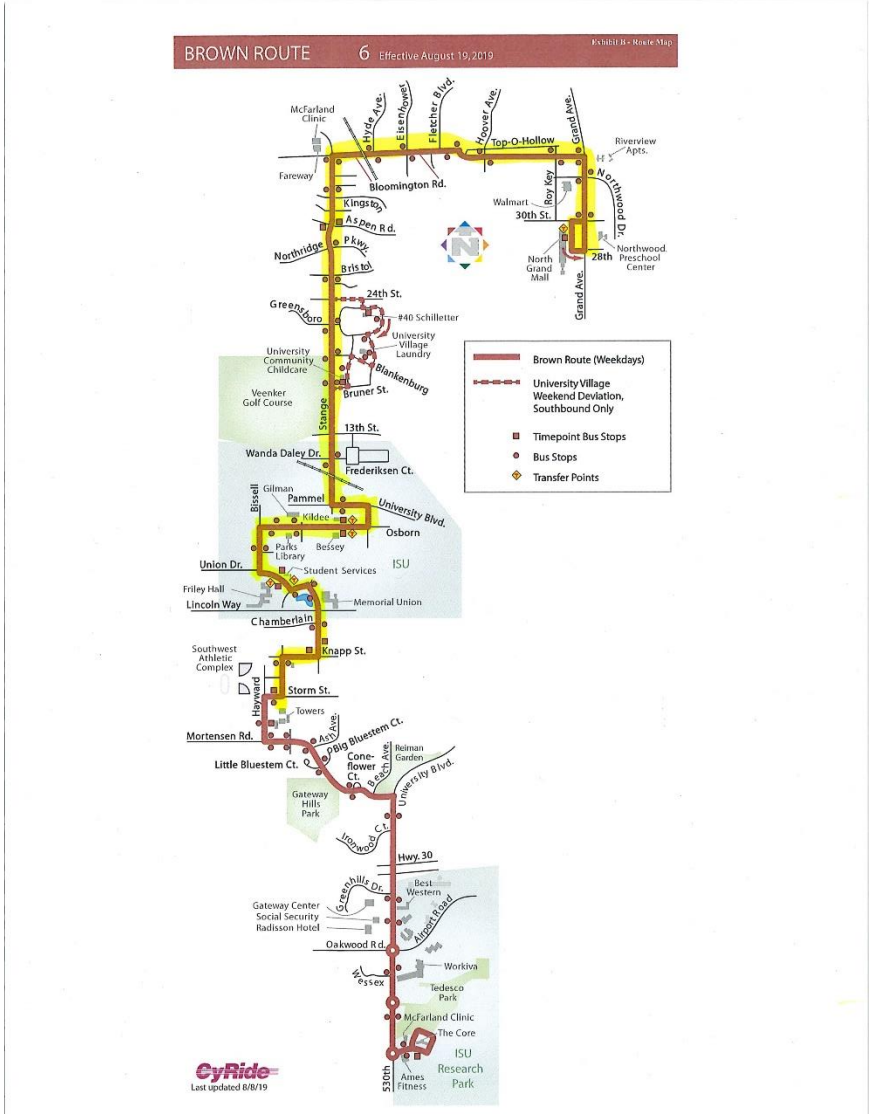
Total Cost: **$38,411**
Requested: **$30,728 (80%)**

Return to List of Applications Recommended

#6 Brown, Add Night Service – Year 1 (Ames Transit Agency)

Add new night service trips to the #6 Brown route to improve safety and due to residential demand.

Total Cost: $36,385
Requested: $29,108 (80%)



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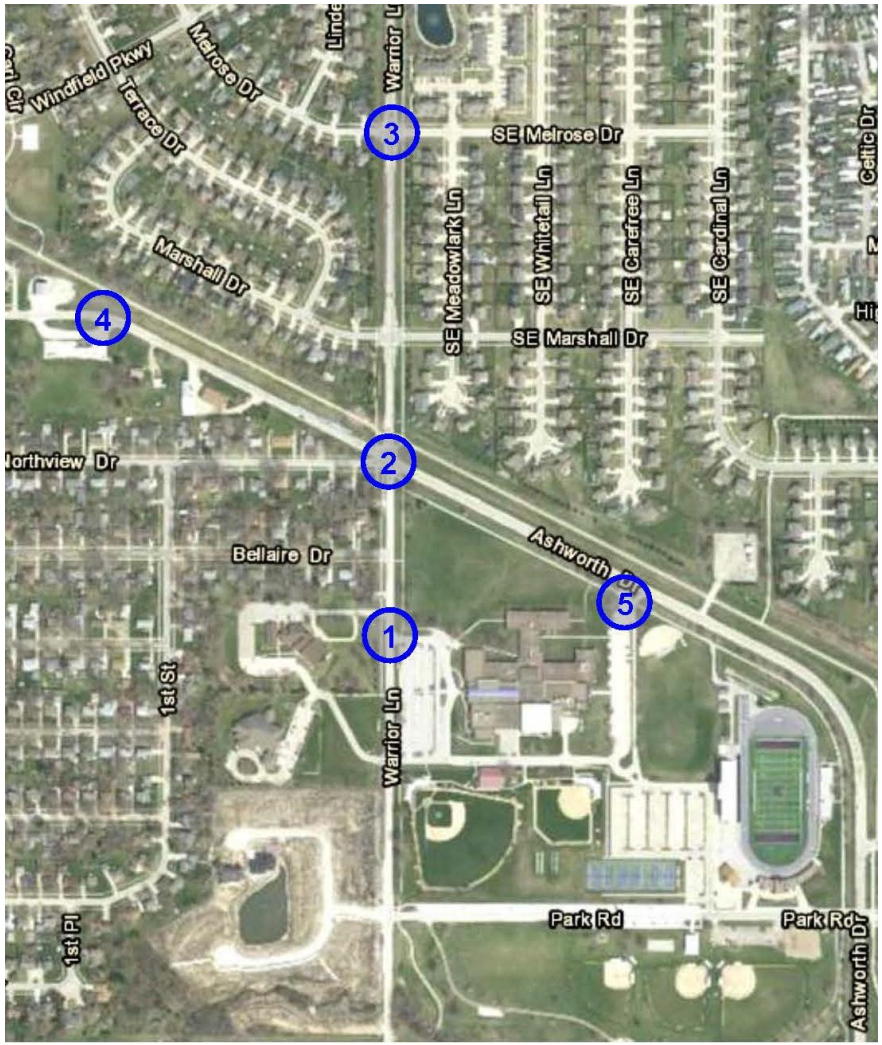
Roundabout at Warrior Lane, Ashworth Dr., and Northview Dr. (Waukee)

Reconstruct an existing 5-way stop-controlled intersection into a 4-leg roundabout at Warrior Lane, Ashworth Drive, and Northview Drive in Waukee.

Total Cost: **$1,900,000**
Requested: **$1,400,000 (74%)**



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List of Applications Not Recommended for Award

PROJECT NAME	SPONSOR	SCORE	TOTAL PROJECT COST	REQUESTED AMOUNT (% of Total Project Cost)	RECOMMENDED AMOUNT (% of Total Project Cost)
University Avenue Improvements	Windsor Heights	41.7	$5,404,310	$400,000 (7%)	$0
Elm Street Bridge Replacement over Canadian Pacific Railway	Davenport	Ineligible	$2,500,000	$1,500,000 (60%)	$0

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