

Iowa's Clean Air Attainment Program

Funding Recommendation

Iowa's Clean Air Attainment Program

- Created in 1994
- Available to federal, state, and local government agencies; transit agencies; and planning organizations. Private individuals and organizations may apply with a government co-sponsor.
- Purpose is to support projects with the highest potential for reducing transportation-related congestion and air pollution.

Iowa's Clean Air Attainment Program (con't)

- Funded with \$4 million in federal Congestion Mitigation and Air Quality Improvement (CMAQ) or federal Carbon Reduction Program funds.
- Iowa is an air quality attainment state and funds may be used for any eligible Surface Transportation Block Grant or CMAQ project.
- Eligible projects include:
 - Improvements to motor vehicle traffic flow, public transit service and intermodal freight movement; reduction in traffic congestion and single-occupant vehicle travel; purchase of publicly owned alternative fuel vehicles; and bicycle and pedestrian facilities and programs.

Project Evaluation Criteria

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

Available Funding and Application Summary

Available Funding:

CMAQ/Carbon Reduction funds	\$4,000,000
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Application Summary:

Total number of projects	6
Total project costs	\$6,612,340
Total amount requested	\$4,237,188

List of Applications Recommended

PROJECT NAME	SPONSOR	SCORE	TOTAL PROJECT COST	REQUESTED AMOUNT (% of Total Project Cost)	RECOMMENDED AMOUNT (% of Total Project Cost)
<u>Traffic Signal System Improvements</u>	Marion	81	\$817,300	\$653,840 (80%)	\$653,840 (80%)
<u>Phase 5 Traffic Signal Master Plan Deployment</u>	Ames	78	\$2,692,200	\$1,213,760 (45%)	\$1,213,760 (45%)
<u>Adaptive Traffic Control System Phase 1</u>	Ankeny	77	\$550,000	\$400,000 (73%)	\$400,000 (73%)
<u>12th Street NW and Pierce Avenue Roundabout</u>	Mason City	64	\$726,840	\$508,788 (70%)	\$508,788 (70%)

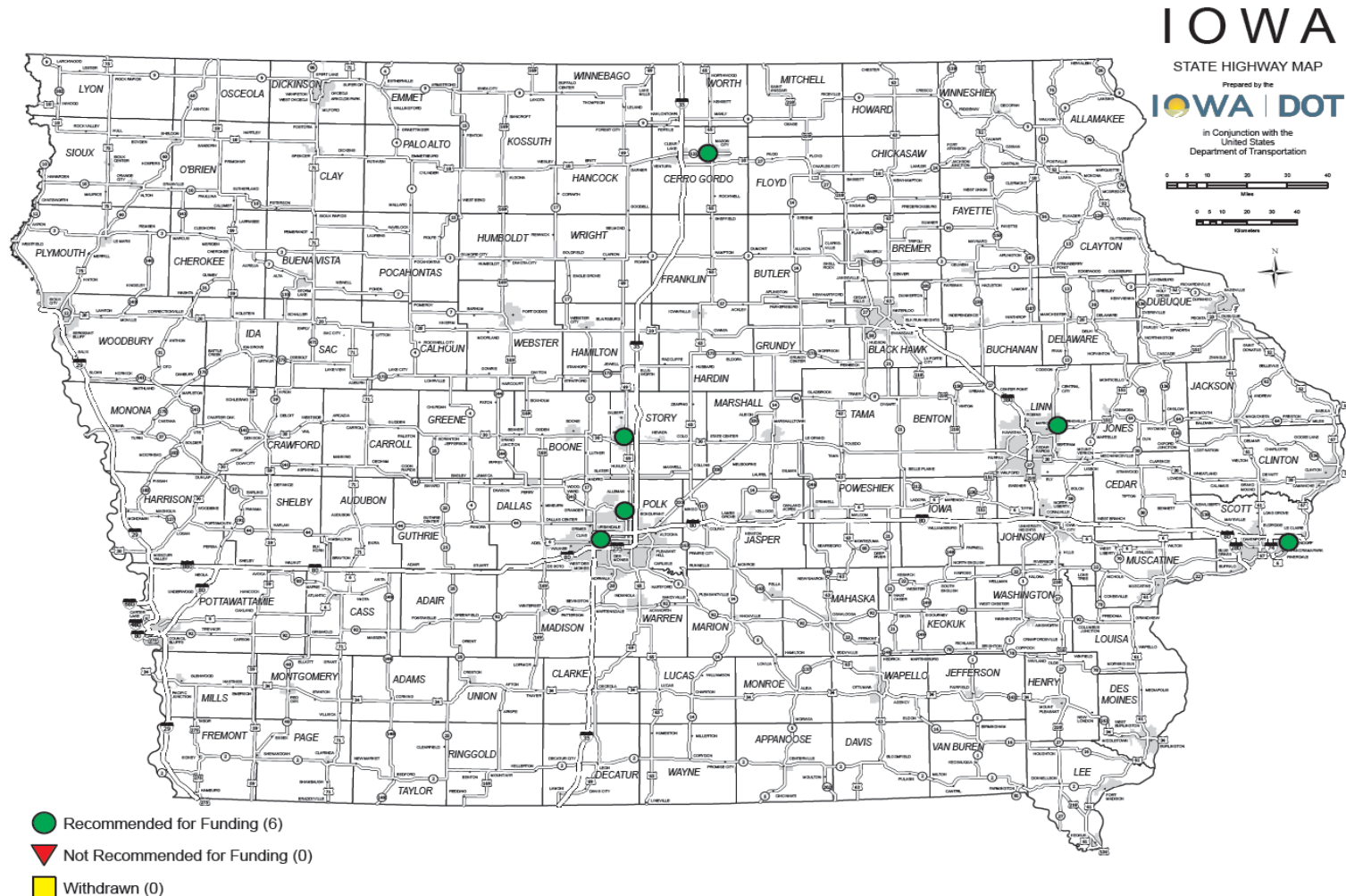
[Jump to Applications Not Recommended for Funding](#)

List of Applications Recommended

PROJECT NAME	SPONSOR	SCORE	TOTAL PROJECT COST	REQUESTED AMOUNT (% of Total Project Cost)	RECOMMENDED AMOUNT (% of Total Project Cost)
<u>Enterprise Commute Vanpool</u>	Heart of Iowa Regional Transit Agency (HIRTA)	60	\$146,000	\$116,800 (80%)	\$116,800 (80%)
<u>Utica Ridge Road and East 56th Street Roundabout</u>	Davenport	58	\$1,680,000	\$1,344,000 (80%)	\$1,106,812 (66%)

[Jump to Applications Not Recommended for Funding](#)

Map of Applications Received



Estimated Annual Benefits of Recommended Projects

- Reduction of Vehicle Hours of Travel: 744,663 hrs
- Reduction of Vehicle Miles of Travel: 5,543,242 mi
- Reduced CO, VOCs, & NOx Emissions: 361,553 lbs

Thank you!

Questions?



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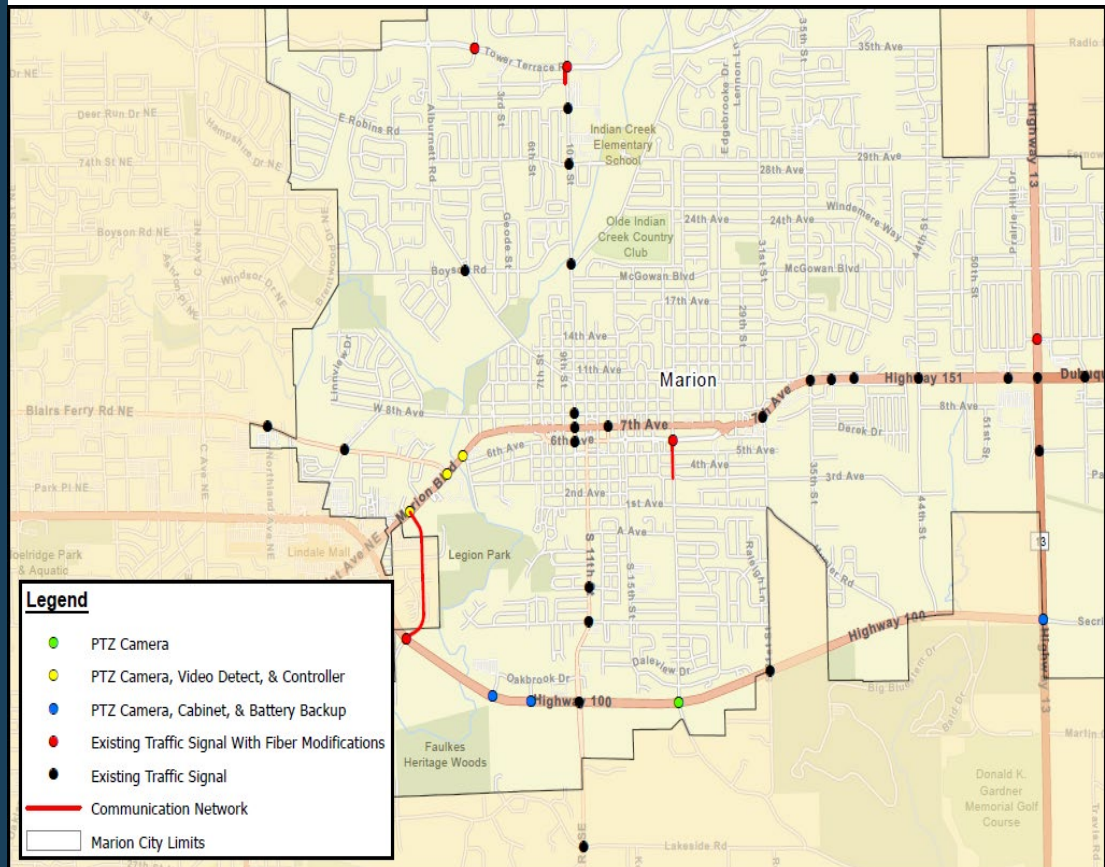
515-239-1713

Traffic Signal System Improvements (Marion)

The project will implement an advanced traffic management system including filling in fiber and conduit gaps in the communication network, the addition of a video traffic monitoring system, and updating traffic signal equipment.

Total Cost: \$817,300

Requested: \$653,840 (80%)

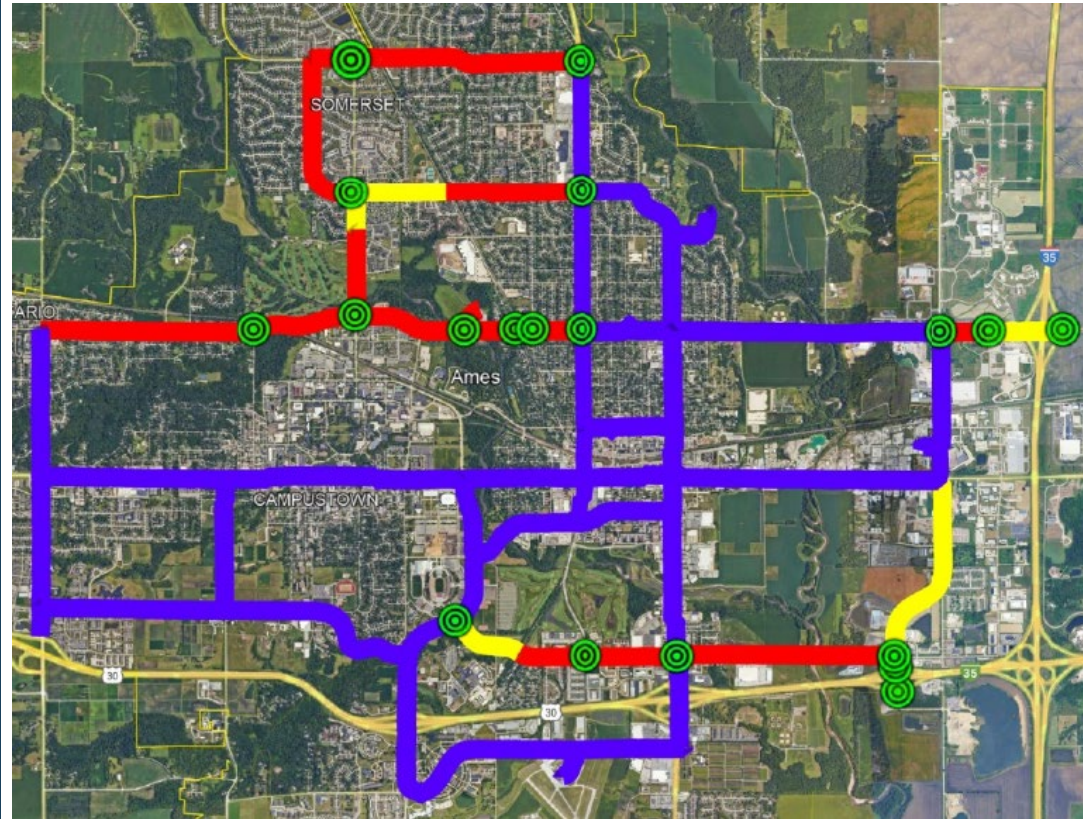


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Phase 5 Traffic Signal Master Plan Deployment (Ames)

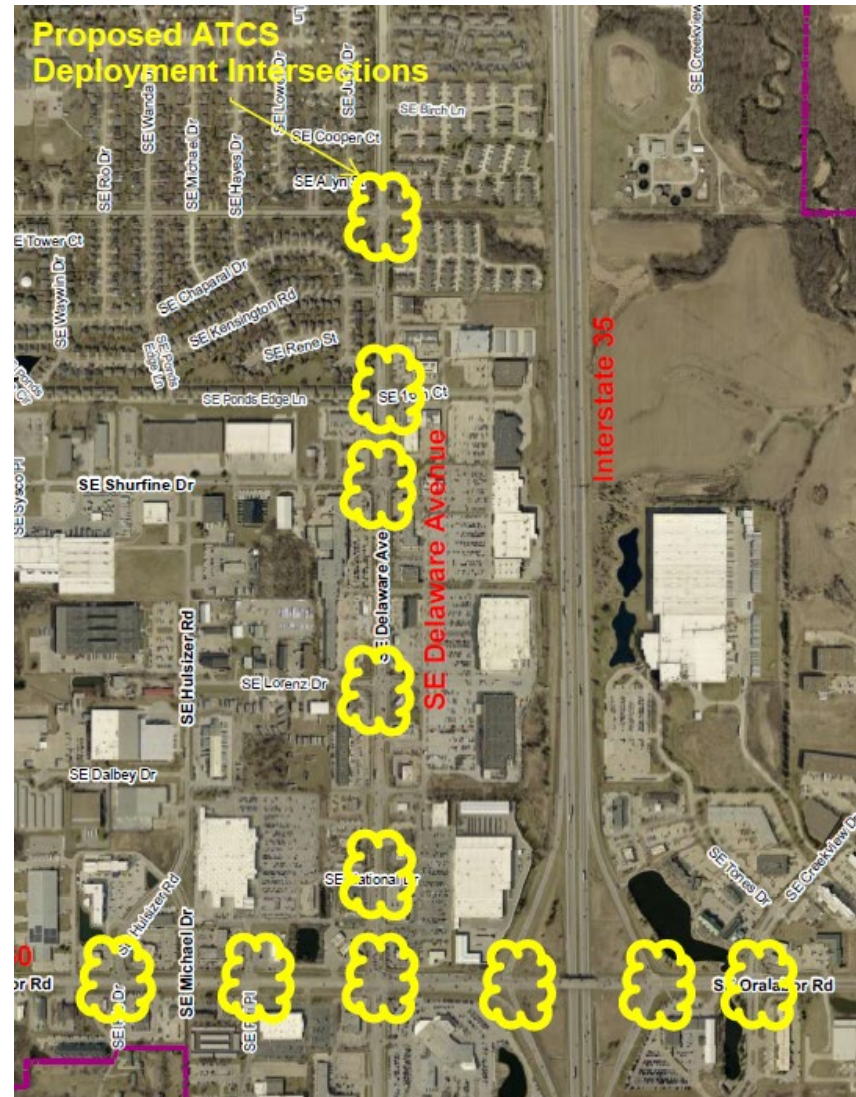
Project will install fiber optic cables, upgrades to signal controllers, and detection system upgrades along 8 roadway corridors.

Total Cost: \$2,692,200
Requested: \$1,213,760 (45%)



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Total Cost: \$550,000
Requested: \$400,000 (73%)

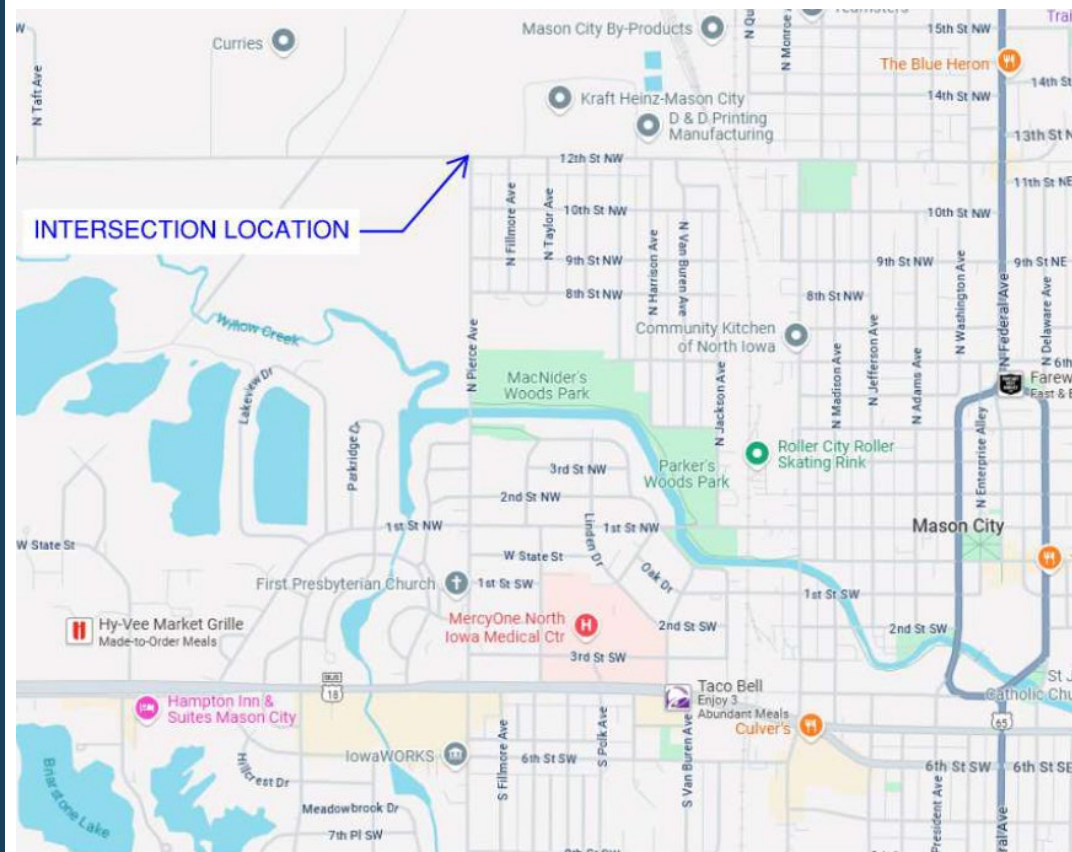


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12th Street NW and Pierce Avenue Roundabout (Mason City)

This project will construct a single-lane roundabout at the intersection of 12th Street NW and Pierce Avenue reducing the number of conflict points, allowing an efficient traffic flow, and improving emissions.

Total Cost: \$726,840
Requested: \$508,788 (70%)



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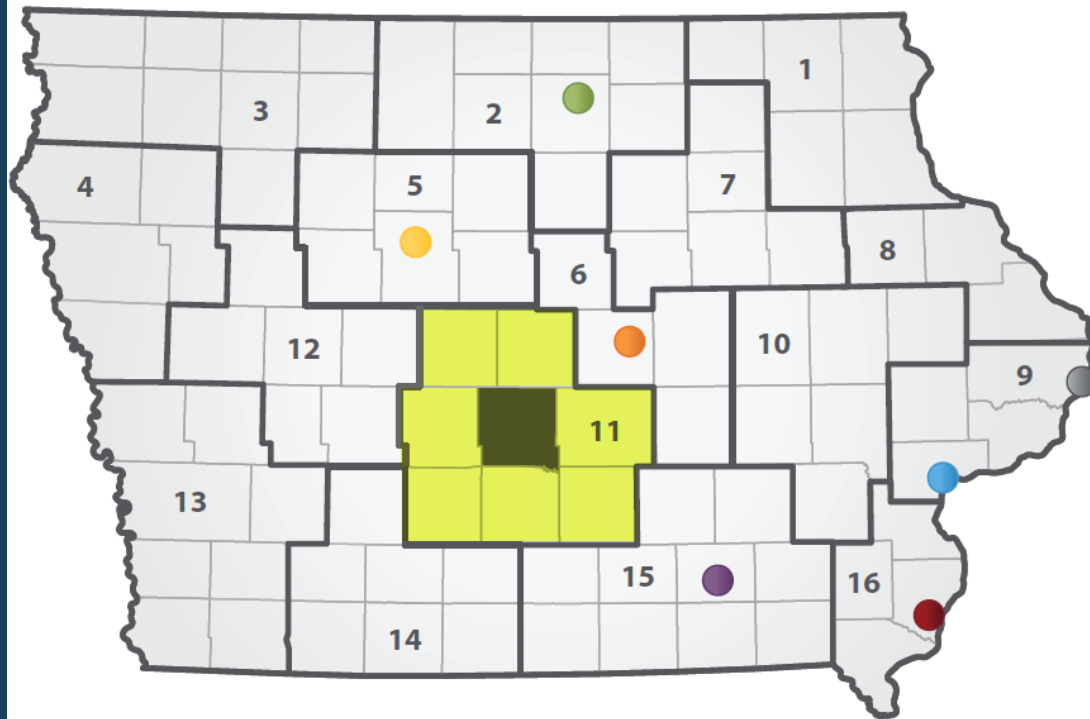
Enterprise Commute Vanpool (Heart of Iowa Regional Transit Agency)

This project will support Enterprise vanpool services, a ridesharing solution working with employers to encourage employees to commute to work. Up to 13 vans will operate in the region.

Total Cost: \$146,000

Requested: \$116,800 (80%)

Iowa's Rural Public Transit Systems



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Utica Ridge Road and East 56th Street Roundabout (Davenport)

This project will construct a single-lane roundabout at the intersection of Utica Ridge Road and East 56th Street improving emissions and reducing delays at this intersection.

Total Cost: \$1,680,000
Requested: \$1,344,000 (80%)
Recommended: \$1,106,812 (66%)



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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)
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