

FFY 2029 Carbon Reduction Program (CRP) Application Summary

Project Sponsor	Project Name	Project Description	Project Cost	CRP Request	Carbon Reduction (kg/day)	Safety	ADA Accessibility	Equity	Electricification/Zero Emission Infrastructure
Ankeny	S Ankeny Boulevard & SW/SE Oralabor Road Intersection Improvements	Traffic capacity, operational efficiency, and safety improvements at the S Ankeny Blvd. (U.S. Hwy. 69) and SW/SE Oralabor Rd. (IA Hwy. 160) intersection. An Intersection Control Evaluation (ICE) will be completed during the concept study phase to review the benefits and costs of both traditional capacity improvements and alternative intersection configurations (e.g. continuous flow). The project also includes construction of a grade-separated crossing at the south leg of the intersection for the Oralabor Gateway Trail, and extension of the planned adaptive traffic signal control for intersections within the SE Oralabor Rd. corridor to the east.	\$8,900,000	\$2,000,000	462	Yes	Yes	Yes	No
Des Moines	5th Avenue Complete Street Project	5th Avenue is planned as the premier north/south spine bikeway through downtown. This project includes a new two-way raised protected bike lane on the west side of 5th Avenue from Grand Avenue to School Street. Along the south side of School Street, a multi-use trail will be constructed to connect with a programmed two-way raised protected bicycle facility along 6th Avenue from University Avenue to School Street. This project will complete a safe and comfortable non-motorized connection between the neighborhoods north of University Avenue and the downtown area, crossing the barrier of I-235. This project will also right-size the street cross-section for vehicular traffic volume, slow vehicle speeds, improve sidewalks, shorten pedestrian crossings, and add street trees along the corridor.	\$4,000,000	\$3,200,000	202	Yes	Yes	Yes	Yes
Johnston	Iowa 141 and NW Towner Drive Interchange	Construction of a new diamond interchange with roundabout ramp terminal intersections. New interchange will be south of existing NW Towner Dr and will eliminate IA 141 at-grade intersections at NW Towner Dr, NW Timberridge Ln and NW Timberbrooke Ln.	\$30,000,000	\$1,500,000	2678	Yes	Yes	Yes	Yes

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Pleasant Hill	Youngstown Trail Extension	Pleasant Hill is dedicated to advancing sustainability and reducing carbon emissions through innovative transportation solutions. The city is proposing the extension of the Youngstown Trail, a pivotal project designed to enhance connections within our network of bicycle, pedestrian, and shared micromobility pathways, and to the greater metro region. This initiative aligns with our commitment to the statewide Carbon Reduction Strategy fostering environmentally friendly transportation options, promoting public health, and strengthening community connectivity.	\$223,890	\$179,112	20	Yes	Yes	Yes	Yes
Pleasant Hill	Electronic Vehicle Upgrade	This project will upgrade our fleet with a Ford F-150 Lightning Super Crew Pro, aligning with Iowa's carbon reduction goals by reducing greenhouse gas emissions and increasing the efficiency of transportation system operations. This EV truck will replace an aging gas-powered vehicle, reducing fuel consumption and maintenance costs, while supporting Iowa's commitment to clean energy and sustainable transportation infrastructure. This initiative is part of our long-term effort to align with the state's vision for a greener, more efficient transportation system.	\$73,920	\$59,136	3	Yes	Yes	Yes	Yes
Pleasant Hill	NE 70th St Phase 1 Improvements	Construction of a roundabout at the intersection of NE 70th St and Elevation Dr in Pleasant Hill. Project will also include construction of sidewalks and trails in the project area and associated street lighting.	\$2,200,000	\$1,760,000	117	Yes	Yes	No	Yes
Pleasant Hill	Traffic Signal System Improved Advance Vehicle Detection	Replace the existing advance detection system at high speed signalized intersections along IA 163 in Pleasant Hill with more reliable and non-invasive technology to minimize the dilemma zone for drivers. Includes 10 signalized intersections.	\$400,000	\$320,000	468	Yes	No	No	No
Urbandale	Douglas Avenue from 66th Street to 128th Street Traffic Signal Synchronization and Optimization	Traffic Signal Synchronization, Coordination and Optimization for the Douglas Avenue from 66th Street to 128th Street street corridor to help minimize wait times at traffic signals.	\$125,000	\$100,000	3267	Yes	No	No	No