

Primary Sponsor	Project Title	Project Description	Total Estimated Project Cost	ICAAP Funding Request
Des Moines	Traffic Signal Timing Updates - Phase 4	This project is the fourth phase of a multi-phase effort to review and update the signal timing and phasing of the traffic signal systems throughout Des Moines.	\$250,000	\$200,000
Norwalk	Norwalk Traffic Signal System Enhancement Project	As identified in a 2018 joint City/Iowa DOT IA 28 Corridor Study, this project will update the existing signals in the City of Norwalk along IA 28 and result in an interconnected system for management and resulting in reduced delay and pollutants. The first step in this project will be a systems engineering study (following guidelines by the Federal Highway Administration) to objectively determine the necessary enhancements to the City traffic signal system. This study will review the potential strategies such as implementing either adaptive traffic signal control, use of automated traffic signal performance measures, or a stepped approach to determine where adaptive control would be best utilized. Following the study, the identified traffic signal system components will be designed and implemented. It is expected this system will include updated controllers and ATC signal cabinets, updated vehicle detection, intersection and system software to monitor performance measures, intersection observation cameras, and fiber optic interconnect.	\$870,000	\$695,000
DART	Route 17 Extension to Bondurant	DART plans to extend the existing Route 17 from the current terminus (Outlets of Des Moines) in Altoona to the new Amazon facility located at 1st Ave N. / NE 62nd Ave in Bondurant. The facility is slated to employ 1,000 people and DART will match transit service with Amazon employee shift times resulting in the addition of four additional daily roundtrips.	\$80,000	\$50,743
Altoona	1st Ave. and 9th St. Roundabout and Shared Use Path	Converting the intersection at 1st Ave. N and 9th St. NW to a roundabout and adding a shared use path along 1st Ave. N.	\$3,938,710	\$1,969,355
Ankeny	IA 160 / SW Oralabor Road and IA 415 / SW State Street Intersection Improvements	Concept design includes the construction of dual left turn lanes for the northbound, eastbound, and southbound approaches as well as the addition of right turn lanes for the westbound and southbound approaches. Project also includes the replacement of the existing traffic signal equipment at the intersection and upgrade of pedestrian ramps and crossings.	2,200,000	1,100,000
Grimes	Traffic Signal Network Implementation	Project will install fiber optic cable and conduit along IA Hwy 141 from E First St to Beaverbrooke Blvd, along Beaverbrooke Blvd from IA Hwy 141 to N James St, and along SE 37th St from Gateway Dr to S James St. Project will also implement a signal management software allowing the City to remotely monitor and update traffic signal operations. System will include automated signal performance measures to record traffic volumes and operational performance. Project will also install traffic monitoring cameras at select locations to be able to monitor operations.	\$400,000	\$320,000