

Federal Fiscal Year 2024 STBG Submitted Applications

Primary Sponsor	Project Title	Termini Description	Project Description	Total Project Cost	Funding Request
System Capacity					
Ankeny	NE Delaware Avenue Widening	NE 5th Street to NE 18th Street	Widening of NE Delaware Avenue from the current rural 2-lane configuration with open ditches to an urban 4-lane curb-and-gutter cross section. Improvements include street paving, dedicated turn lanes, traffic signals, raised medians, utilities, storm sewers, lighting, 8-foot shared use path and sidewalk.	\$10,000,000	\$2,000,000
Clive	Interstate 35 / Interstate 80 / U.S. Highway 6 Interchange Project	I-35/80 from University Ave interchange to Douglas Ave interchange and US 6 from NW 111th St to signal west of interchange	The project will reconstruct I-35/80 to 10 lanes, US 6 to 6 lanes, the interchange to a diverging diamond interchange, ramps for new interchange, and intersections for new alignments.	\$62,875,000	\$3,100,000
Des Moines	Southeast Connector	SE 30th Street to US 65	New 2-lane roadway to east beltway	\$41,000,000	\$9,000,000

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Major Reconstruction/Replacment					
Altoona	8th St. SW Reconstruction	US 65 to Venbury Drive	Reconstruction of 8th St. in Altoona from US 65 to Venbury Drive, focusing on the eastbound lanes.	\$13,935,000	\$5,830,000
Des Moines	Grand Avenue Pavement Rehabilitation	MLK Jr. Bridge to 28th Street	Reconstruct outside lanes and resurface inside lanes.	\$1,500,000	\$500,000
Polk City	N. 3rd Street Reconstruction, Trail, and Overlay	Broadway Street Intersection to North Corporate Limits	<p>Project includes reconstruction of N. 3rd Street from approximately 120' south of the Northside Drive Intersection to approximately 545' north of the intersection as full depth HMA pavement and the reconstruction of the Northside Drive and N. 3rd Street intersection. This reconstruction would shift the roadway alignment to the west and alter the Northside Drive and 3rd Street intersection to accommodate truck turning movements through the intersection.</p> <p>A 10' recreational trail will be constructed along N. 3rd Street from Northside Drive to the north Corporate Limits, providing a much needed pedestrian and bicycle friendly facility to the previously developed northeast section of Polk City that currently has no pedestrian or bicycle connection to the downtown area. Work also includes the extension of an existing group of three (3) 48" CMP culverts to accommodate installation of the recreational trail.</p> <p>Project includes a 3" HMA overlay from the colored concrete crosswalk at Broadway Street to the north Corporate Limits, excluding the 790' of roadway that would be constructed as full depth HMA pavement.</p>	\$2,114,000	\$1,691,200
Polk County	Phase 1 of the Broadway Ave. Multimodal Improvement Project.	From NE 14 St. (US 69) east 1.0 mile to NE 22nd Street	The overall project from IA 4415 (NW 2 St) to E Hubbell Ave. (US Hwy 6) project will include multi-modal improvements to improve traffic safety by adding a continuous center turn lane, turn lanes and signals at two unsignalized intersections, remove 2 at-grade Railroad crossings, remove a limited clearance freight impediment, improve existing traffic signals at 4 intersections to coordinate peak traffic, and provide trail connections between the three major trail corridors in this area. An underpass is proposed to allow vehicles and trucks to pass freely under the busiest two rail crossings in the corridor. Phase 1 of the project focuses on this section of the project.	\$14,200,000	\$2,500,000
West Des Moines	8th Street improvements	I-235 South Ramp/Center Street to Clegg Road	Addition of left-turn lanes, raised median for northern portion of project, and improvements to existing traffic signals and sidewalks including ADA upgrades.	\$4,570,000	\$1,500,000
Windsor Heights	73rd Street Reconstruction – Phase 1	Hickman Road to University Avenue	73rd Street between Hickman Road and University Avenue will be reconstructed including added turn lanes and improved sidewalks and shared use trail. The roadway is a major road within Windsor Heights that is a connection between Hickman and I-235 and University Avenue.	\$10,000,000	\$4,000,000

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Bridge Projects					
Des Moines	Fleur Drive Bridge over the Raccoon River	Across the Raccoon River	This project provides the rehabilitation and strengthening of the existing bridge. During the 2017 biennial inspections, the bridge was downgraded to be classified as structurally deficient, primarily due to continued concrete deterioration. Additionally, based on new state laws for vehicle ratings, new rating analysis could create some rating capacity deficiencies in the north and south end spans. The rating capacity will be further analyzed and additional feasibility level analysis will be done concurrently evaluating strengthening and rehabilitation options. Due to the age of the bridge (1936) and major traffic network changes over the last decade, high level traffic analysis will be done to further understand the function of this route on the transportation network. The estimated rehabilitation and strengthening project is \$3,000,000. The City plans to request \$2,000,000 of FY 2024 funds.	\$3,000,000	\$2,000,000
Polk County	Bridge Replacement of Bridge No. 3618	On NE 38th St. 200 feet north of NE 108 Ave.	Project includes replacement of Bridge No. 3618 on NE 38th Street north of NE 108th Avenue with a Twin 8' x 12' RCB Culvert.	\$525,000	\$350,000
Polk County	Bridge No. 6633 Bridge Replacement	On NE 108th St. 1,900 feet north of NE 23rd Ave.	Replacement of Bridge No. 6633 with a 138'-10" x 30' PPCB Bridge	\$900,000	\$600,000
System Optimization					
Des Moines	Intelligent Transportation Systems Upgrade	Citywide	Implement master plan adopted November 19, 2018. This project consists of updating the City's traffic signal controllers, central management software, transportation communication system, and video observation camera system. The estimated project cost is \$12.5 million. The City plans to request \$1,000,000 in FY 2024 funds. Previously, STP funds in the amount of \$500,000 (FY 2022) and \$500,000 (FY 2023) were awarded.	\$12,500,000	\$1,000,000
Transit Projects					
DART	DART Replacement Buses	Des Moines Area	Replacement of three heavy-duty buses that are beyond useful life.	\$3,421,836	\$1,500,000
Planning Studies/Other					
MPO	TMA Program			\$95,000	\$95,000
TOTAL				\$180,635,836	\$35,666,200