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FISCAL YEAR 2018-2021 TRANSPORTATION CAPITAL IMPROVEMENT PROGRAM

A regional program of transportation capital improvement projects to enhance the movement of goods and people along the greater Des Moines metropolitan area's transportation system.

August 2017

DES MOINES AREA MPO
METROPOLITAN PLANNING ORGANIZATION

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Introduction

The *Fiscal Year 2018-2021 Transportation Capital Improvement Program* (TCIP) lists upcoming capital improvement projects that affect the transportation system within the Des Moines Area Metropolitan Planning Organization's (MPO) boundary. This document contains all planned transportation capital improvements for fiscal years 2018-2021, as of August 2017 (Fiscal Year runs from July 1 to June 30).

The TCIP is prepared annually for upcoming fiscal years and allows the MPO and its members to have a more comprehensive view of short-range transportation projects, both federally and non-federally funded. These transportation projects are compiled from MPO member governments' respective capital improvement programs (CIP). Governments that do not prepare CIPs provided a list of anticipated projects to be constructed between FY 2018-2021.

About the MPO

The MPO has full voting membership open to any county or city government located, wholly or partially, in the designated Metropolitan Planning Area (MPA). A member must contain a minimum population of 1,500 persons and adopt the MPO's 28E Agreement (agreement entered into under Chapter 28E, Code of Iowa, establishing the MPO and its responsibilities). DART also adopted the 28E agreement and is a full voting member. In addition to DART, MPO membership includes the following cities and counties: Altoona, Ankeny, Bondurant, Carlisle, Clive, Dallas County, Des Moines, Grimes, Johnston, Mitchellville, Norwalk, Pleasant Hill, Polk City, Polk County, Urbandale, Warren County, Waukee, West Des Moines, and Windsor Heights.

Two entities within the MPO planning area, the City of Cumming and Madison County, fall below the minimum population threshold for full membership. These entities are associate members, meaning they are allowed non-voting representation in the transportation planning process. Associate membership is available to all governments within the MPO planning area that do not meet the minimum population threshold for full membership. Outside of the MPO planning area, the City of Indianola and the City of Van Meter are associate, non-voting members.

The Iowa Department of Transportation (DOT), the Des Moines International Airport (DSM), the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), and the Heart of Iowa Regional Transportation Alliance (HIRTA) serve as advisory non-voting representatives to the MPO.

Note that the TCIP includes projects from only the member governments that responded to the MPO's request for transportation projects. Some member governments gave no response and therefore are not included in the TCIP. The members of the MPO consider the planned projects listed within this document to be subject to change at any time.

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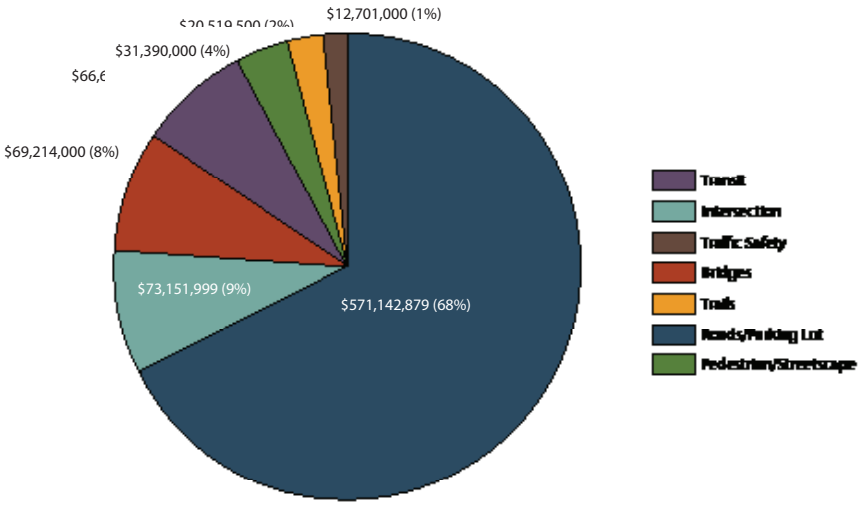
Overview of Projects

Funding By Project Type and Jurisdiction

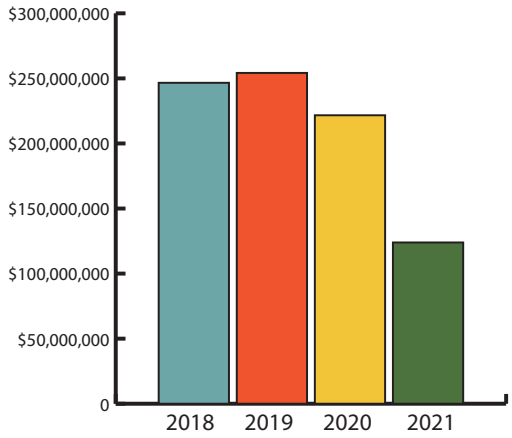
SPONSOR	PEDESTRIAN/ STREETSCAPE	ROADS/ PARKING LOTS	TRAILS	BRIDGES	TRAFFIC SAFETY	INTERSEC-TION	TRANSIT	TOTAL
Altoona	$150,000	$31,030,000	-	-	-	-	-	$31,180,000
Ankeny	$975,000	$27,304,000	$2,720,000	$1,820,000	$1,600,000	$7,174,999	-	$41,593,999
Carlisle	-	$834,500	-	-	$10,000	$3,000,000	-	$3,844,500
Clive	$715,000	$6,725,500	$1,790,000	-	$1,200,000	-	-	$10,430,500
DART	-	-	-	-	-	-	$66,620,363	$66,620,363
Des Moines	$25,495,000	$58,320,000	$5,350,000	$33,950,000	$2,775,000	$400,000	-	$126,290,000
DOT	-	$151,320,000	-	$25,133,000	$2,375,000	-	-	$178,828,000
Grimes	-	-	-	-	-	$6,600,000	-	$6,600,000
Johnston	$1,400,000	$17,099,461	$2,900,000	-	-	-	-	$21,399,461
Pleasant Hill	$250,000	$21,726,000	$1,000,000	$225,000	$721,000	$12,300,000	-	$36,222,000
Polk County	-	$30,468,800	-	$6,766,000	-	-	-	$37,234,800
Urbandale	$400,000	$47,695,100	$2,409,500	$1,320,000	$1,010,000	$34,757,000	-	$87,591,600
Waukee	-	$35,650,000	$2,150,000	-	$850,000	$2,500,000	-	$41,150,000
West Des Moines	$2,005,000	$133,701,000	$2,200,000	-	$1,980,000	$6,420,000	-	$146,306,000
Windsor Heights	-	$9,448,518	-	-	-	-	-	$9,448,518
	$31,390,000	$571,142,879	$20,519,500	$69,214,000	$12,701,000	$73,151,999	$66,620,363	$844,739,741

Note: Roads & Parking Lots are combined due to only one parking lot project being submitted.

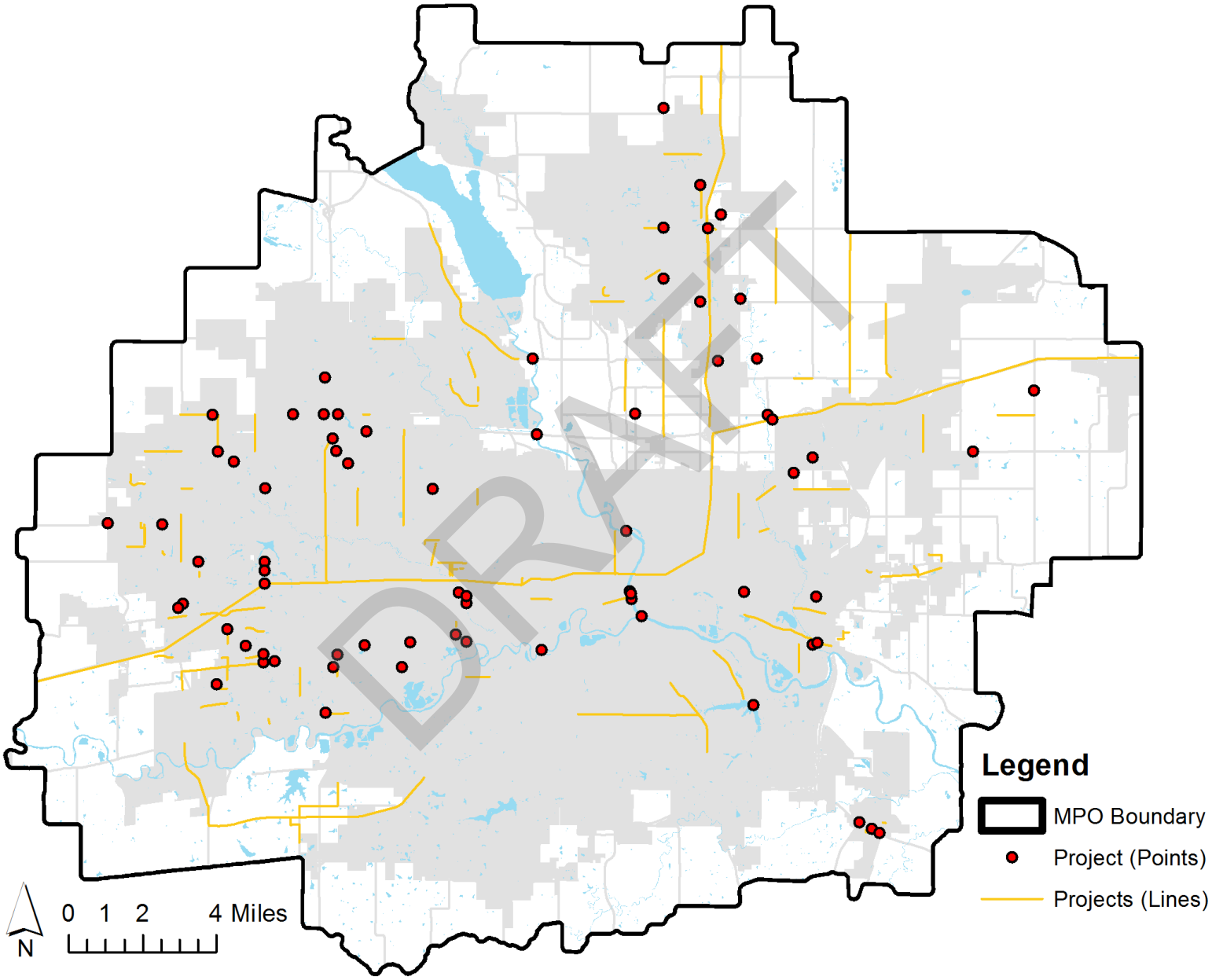
Funding by Project Type



Funding by Fiscal Year

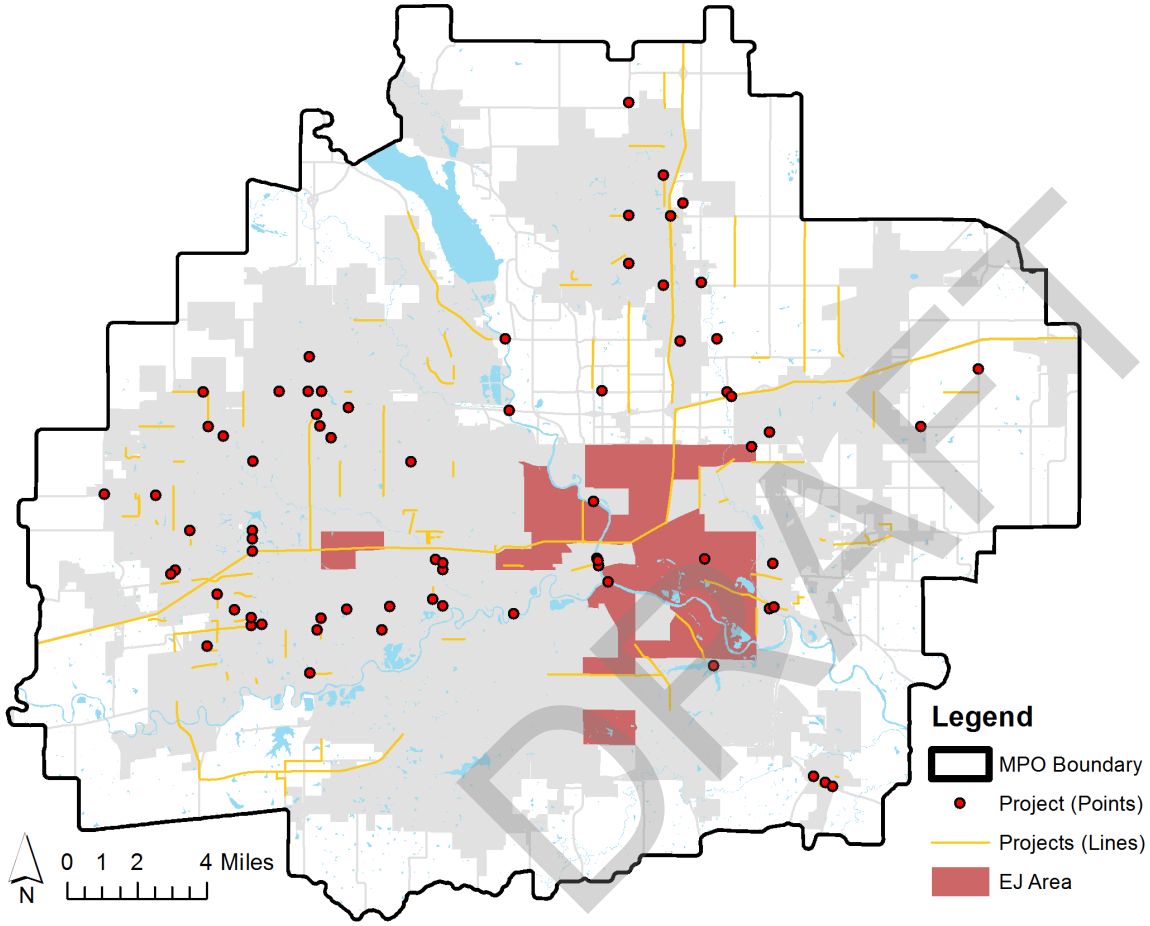


Transportation Capital Improvements (FY 2018-2021)



To view interactive map, visit dmampo.org/transportation-projects

Environmental Justice Review



4%
of all funding will be spent within EJ areas.

17%
of the region's population lives within EJ areas

Environmental Justice Areas

An environmental justice (EJ) review was completed to determine how much funding is being spent in EJ areas. EJ areas are defined as concentrated areas of traditionally underserved populations. Population groups included: persons 65+ years old, persons with disabilities, persons with limited English proficiency, non-white population, persons in poverty, carless households, and single heads of households with children.

Source: American Community Survey 2010-2015

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Transportation Capital Improvements: BRIDGES

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Ankeny	NE 54th St	Over E branch of Four Mile Creek, west of NE Delaware Ave	Bridge Construction	$75,000	$800,000			$875,000	G.O. Bonds
Ankeny	NE Fourmile Drive	Over Four Mile Creek	Bridge Construction	$945,000				$945,000	G.O. Bonds/Grant
Des Moines	City-Wide Bridges	Various Locations	Repair/Rehab	$700,000	$500,000	$450,000	$450,000	$2,100,000	
Des Moines	Bill Riley Trail Bridge	Over Raccoon River	Ped/Bike structures	$100,000				$100,000	TAP
Des Moines	Court Avenue	Over Des Moines River	Repair/Rehab	$4,100,000	$3,900,000			$8,000,000	Tax Increment Bonds/ Gaming Monies/ Federal/TIGER
Des Moines	2nd Ave	Over Des Moines River	Bridge Rehabilitation		$4,900,000			$4,900,000	STBG
Des Moines	Grand Avenue	Over Des Moines River	Bridge Replacement	$500,000				$500,000	STBG/Gaming Monies/TIF
Des Moines	Locust Street	Over Des Moines River	Repair/Rehab	$500,000	$5,570,000	$3,300,000		$9,370,000	STBG/Tax Increment Bonds/Gaming Monies
Des Moines	Scott Avenue	Over Des Moines River	Repair/Rehab	$770,000	$2,160,000			$2,930,000	Tax Increment Bonds/ Gaming Monies
Des Moines	E 30th St	Over Union Pacific Railroad	Bridge Rehabilitation	$2,000,000	$3,550,000	$500,000		$6,050,000	STBG-HPB/Gaming Monies/G.O. Bonds
DOT	IA 28/63rd Street	Walnut Creek 0.4 mile S of I-235	Bridge Deck Overlay			$845,000		$845,000	PRF
DOT	I-35/80	Des Moines River Bridge 1.6 miles E of IA 28	Bridge Widening, Mitigation		$21,200,000			$21,200,000	NHPP
DOT	I-80	NE 38th Street 1.6 miles E of E Jct I-35	ROW, Bridge Replacement			$10,000	$1,750,000	$1,760,000	PRF
DOT	US 69	Fourmile Creek 0.1 mi S of Co Rd F22	Bridge Replacement				$1,328,000	$1,328,000	PRF
Pleasant Hill	Vandalia Road	Over Fourmile Creek	Repair/Rehab	$225,000				$225,000	TIF
Polk County	NE White Oak Dr.	Trib to White Oak Cr	Bridge Deck Overlay	$144,000				$144,000	Local Budget
Polk County	NE Santiago Dr	DD 24	Bridge Replacement	$400,000				$400,000	STBG
Polk County	NE 96 St	Trib to Indian Cr	Bridge Replacement	$215,000				$215,000	STBG

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR 2018	2019	2020	2021	TOTAL	FUNDING SOURCE
Polk County	NE 120 St	Trib to Camp Creek	Structure Replacement	$35,000				$35,000	Local Budget
Polk County	NE 22 St	Trib to Fourmile Cr	Structure Replacement	$127,000				$127,000	Local Budget
Polk County	NW 102 Ave	Trib to Beaver Creek	Bridge Replacement		$550,000			$550,000	Local Budget
Polk County	NE 46 Ave	Camp Creek	Bridge Replacement		$1,240,000			$1,240,000	STBG
Polk County	NE Berwick Dr	UP Trestle	Bridge Replacement		$950,000			$950,000	STBG
Polk County	NE 3 ST	DD 51	Bridge Replacement			$763,000		$763,000	STBG
Polk County	NE Frisk Dr	Deer Creek	Bridge Replacement				$600,000	$600,000	STBG
Polk County	NE 82 Ave	Santiago Cr	Bridge Replacement				$1,742,000	$1,742,000	STBG
Urbandale	Urban Hills over Walnut Creek	Urban Hills over Walnut Creek	Bridge Construction			$1,320,000		$1,320,000	G.O. Bonds/Private
			TOTALS:	**$10,836,000**	**$45,320,000**	**$7,188,000**	**$5,870,000**	**$69,214,000**	

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Transportation Capital Improvements: INTERSECTION

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Ankeny	East 1st St & I-35	E 1st St & I-35	Interchange Reconstruction	$50,000	$1,616,666	$1,066,666	$666,667	$3,399,999	G.O. Bonds
Ankeny	Ankeny Blvd. and 1st St Intersection Improvements	Hwy 69 and 1st Street	Intersection improvements	$700,000				$700,000	G.O. Bonds/DOT Grants
Ankeny	South Ankeny Blvd. and SE Shurfine Drive Intgersection	Hwy 69 and SE Shurfine Drive	Intersection improvements	$200,000	$2,875,000			$3,075,000	G.O. Bonds
Des Moines	E 42nd and Hubbell Ave	E 42nd and Hubbell Ave	Intersection Improvements	$400,000				$400,000	G.O. Bonds/State pending
Grimes	SE 19th St	SE Gateway to HWY 141	Lane Widening/ Bike Trail	$300,000				$300,000	G.O. Bonds
Grimes	S. James St & SE 37th St	S. James St & SE 37th St	Reconstruction/ Signals	$1,200,000				$1,200,000	STBG/Bonds
Grimes	SE 37th St	SE Gateway to SE Capital Loop	Approach lane widening & signals	$5,100,000				$5,100,000	STBG/Bonds
Pleasant Hill	Pleasant Hill Blvd & Vandalia Rd	Intersection	Intersection	$12,300,000				$12,300,000	STBG /CIP funds
Urbandale	I-35/80 & Hwy 141/ NW Urbandale Dr/ Meredith Dr	I-35/80 & Hwy 141/NW Urbandale Dr/Meredith Dr	Interchange Modifications		$33,300,000			$33,300,000	IDOT
Urbandale	75th Street & Douglas Ave	75th Street & Douglas Ave	Intersection Improvements: Turn Lanes	$880,000				$880,000	TIF
Urbandale	142nd St	142nd St and Douglas Pkwy	Roundabout modification	$577,000				$577,000	IDOT/GOB
Carlisle	Scotch Ridge Road	Scotch Ridge and Highway 5 Intersection	Scotch Ridge Road Intersection				$3,000,000	$3,000,000	G.O. Bonds and STBG
Waukee	5 Way Intersection	5 Way Intersection	Intersection Improvements			$2,500,000		$2,500,000	G.O. Bonds/TIF Bonds
West Des Moines	S Jordan Creek Pkwy & Mills Civic Pkwy	S Jordan Creek Pkwy & Mills Civic Pkwy	Turn Lane Construction	$75,000	$535,000			$610,000	TIF
West Des Moines	S Jordan Creek Pkwy & Coachlight Dr	S Jordan Creek Pkwy & Coachlight Dr	Turn Lane Construction	$35,000	$270,000			$305,000	TIF
West Des Moines	Jordan Creek Pkwy & University Ave	Jordan Creek Pkwy & University Ave	Turn Lane Construction			$1,090,000		$1,090,000	G.O. Bonds
West Des Moines	Jordan Creek Pkwy & Westown Pkwy	Jordan Creek Pkwy & Westown Pkwy	Turn Lane Construction			$550,000		$550,000	G.O. Bonds
West Des Moines	Jordan Creek Pkwy & I-80 North Ramp	Jordan Creek Pkwy & I-80 North Ramp	Turn Lane Extension			$520,000		$520,000	G.O. Bonds

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR 2018	2019	2020	2021	TOTAL	FUNDING SOURCE
West Des Moines	S 51st St & Mills Civic Pkwy	S 51st St & Mills Civic Pkwy	Turn Lane Construction	$40,000	$265,000			$305,000	G.O. Bonds
West Des Moines	Mills Civic Pkwy & Mall Entrance	Mills Civic Pkwy & Mall Entrance	Turn Lane Construction	$60,000	$430,000			$490,000	G.O. Bonds
West Des Moines	S 81st St & Bridgewood Dr	S 81st St & Bridgewood Dr	New Traffic Signal		$50,000	$350,000		$400,000	RUT
West Des Moines	S 50th St & Hawthorne Dr	S 50th St & Hawthorne Dr	New Traffic Signal		$50,000	$350,000		$400,000	RUT
West Des Moines	S 35th St & Mills Civic Pkwy	S 35th St & Mills Civic Pkwy	New Traffic Signal		$50,000	$350,000		$400,000	RUT
West Des Moines	1st St & Ashworth Rd	1st St & Ashworth Rd	Increasing Turn Radii	$20,000	$110,000			$130,000	G.O. Bonds
West Des Moines	City-Wide	Various Locations	Traffic Adaptive Signal System	$75,000	$75,000	$75,000	$75,000	$300,000	RUT
West Des Moines	City-Wide	Various Locations	Traffic Signal Detection Units	$200,000	$200,000	$200,000	$200,000	$800,000	RUT
West Des Moines	City-Wide	Various Locations	Traffic Signal PTZ Camera Replacement	$30,000	$30,000	$30,000	$30,000	$120,000	RUT
			TOTALS:	**$22,242,000**	**$39,856,666**	**$7,081,666**	**$3,971,667**	**$73,151,999**	

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Transportation Capital Improvements: PEDESTRIAN/STREETSCAPE

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Altoona	34th Ave NW	From I-80, North to Corporate Boundary (2,000 ft)	10' Wide Sidewalk Installation	$50,000				$50,000	TIF
Altoona/ Polk County	County NE 62nd Ave	From County NE 46th St. west 2600 ft	10' Wide Sidewalk Installation		$100,000			$100,000	CIP
Ankeny	City-Wide	Various Locations	Annual sidewalk/ trail construction program	$250,000	$325,000	$275,000	$125,000	$975,000	G.O. Bonds
Clive	Little Walnut Creek	West of Alice's Rd along North side of creek	Northern Neighborhoods Phase III Trail Ext		$715,000			$715,000	G.O. Bonds/Grants
Des Moines	Ingersoll Ave Phase 2	Ingersoll Ave phase 2	Streetscape/ ped safety/ traffic calming/ streetlight		$2,100,000			$2,100,000	TAP
Des Moines	42nd Street Streetscape	42nd Street from I-235 to Crocker Street	Scenic or Historic Hwy	$970,000				$970,000	TAP/GO Bonds/ Private/Sanitary Sewer Fund/Storm Water Utility Fund
Des Moines	City-Wide	Various Locations	Sidewalks-ADA Compliance	$1,500,000	$1,500,000	$750,000		$3,750,000	G.O. Bonds
Des Moines	City-Wide	Various Locations	Sidewalk Replacement	$650,000	$675,000	$675,000	$675,000	$2,675,000	G.O. Bonds
Des Moines	City-Wide	Various Locations	Sidewalks-school & priority routes	$275,000	$275,000	$275,000	$275,000	$1,100,000	Assessments/G.O. Bonds
Des Moines	Downtown	Downtown	Skywalk System-New expansion-Repair/Rehab	$2,400,000	$400,000	$250,000	$250,000	$3,300,000	Federal/Private/ Other/Tax Increment Bonds
Des Moines	City-Wide	Various Locations	Streetscape Improvements-design & construction	$250,000	$2,000,000	$2,000,000		$4,250,000	G.O. Bonds
Des Moines	City-wide	Various Locations	Traffic Studies and Improvements	$200,000	$50,000	$50,000	$50,000	$350,000	G.O. Bonds/State
Des Moines	City-Wide	Various Locations	Traffic Median Island Replacement		$250,000	$250,000	$250,000	$750,000	G.O. Bonds
Des Moines	Walnut Street	Walnut Street Streetscape	Streetscape improvements	$500,000	$750,000	$5,000,000		$6,250,000	Tax Increment Bonds/ Private
Johnston			Master Plan Walkability Study	$50,000				$50,000	Park & Trail Impr Fund 318

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR 2018	2019	2020	2021	TOTAL	FUNDING SOURCE
Johnston	Various		ADA Sidewalk Improvements - City Wide	$350,000	$500,000	$500,000	$500,000	$1,350,000	G.O. Bonds
Pleasant Hill	Oakwood Dr and Pleasant Hill Blvd	Intersection improvements for ADA Compliance	Repair/Rehab	$200,000				$200,000	
Pleasant Hill	City Wide	Various Locations	ADA Transition Plan	$50,000				$50,000	CIP
Urbandale	City-Wide	Various Locations	Sidewalk installation	$100,000	$100,000	$100,000	$100,000	$400,000	Special Assmt
West Des Moines	City-Wide	Various Locations	Sidewalk Placement and Repair	$50,000	$50,000	$50,000	$50,000	$200,000	RUT
West Des Moines	City-Wide	Various Locations	Median Renovations	$10,000	$10,000	$10,000	$10,000	$40,000	RUT
West Des Moines	City-Wide	Various Locations	Sidewalk ADA Compliance	$390,000	$405,000	$435,000	$435,000	$1,665,000	RUT
West Des Moines	City-Wide	Various Locations	City Entrance Enhancements	$100,000				$100,000	General Fund
			TOTALS:	**$8,345,000**	**$10,205,000**	**$10,620,000**	**$2,720,000**	**$31,390,000**	

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Transportation Capital Improvements: ROADS/PARKING LOTS

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Altoona	1st Ave	From 8th St SW to 9th St NW	Expand Roadways from 2 lanes to 4 lanes	$8,600,000				$8,600,000	Bond / TIF
Altoona	8th St SW Reconstruction	US 65 to Venbury Dr	Pavement rehab, ped/bike paving	$250,000	$2,000,000	$6,850,000	$6,520,000	$15,620,000	STBG / CIP
Altoona	Adventureland Dr	From 34th Ave, 1/4mi west toward Bass Pro Shop	4 lane divided cross-section with roundabout	$4,750,000				$4,750,000	Bond / TIF
Altoona	24th St SW	4th St SW, 1100 ft to current west corporate boundary	Extend 24th St SW as 4 lane divided cross-section w/ bike lanes	$260,000				$260,000	TIF
Altoona	City-wide	Various Locations throughout jurisdiction	PCC Street Repair Program	$450,000	$450,000	$450,000	$450,000	$1,800,000	Road Use Tax
Ankeny	City-Wide	Various Locations	PCC Street Patching Program	$808,000	$658,000	$1,108,000	$735,000	$3,309,000	Cash Balances/G.O. Bonds
Ankeny	NE 36th St	From US 69 East to NE Delaware Ave	Pavement rehab/ widen	$25,000				$25,000	STBG Grants/MPO Grants/G.O. Bonds/ Capital Reserve
Ankeny	City-Wide	Various Locations	Asphalt Street Resurfacing Program	$235,000	$150,000	$150,000	$150,000	$685,000	Cash Balances/G.O. Bonds
Ankeny	City-Wide	Various Locations	Pavement Preservation Program/ maintenance	$150,000	$150,000	$150,000	$150,000	$600,000	G.O. Bonds
Ankeny	City-Wide	Various Locations	Street Replacement Program/ Improvement	$775,000	$900,000	$625,000	$600,000	$2,900,000	G.O. Bonds
Ankeny	SE Creekview Dr	On SE Creekview Dr from E 1st St to 700ft South of E 1st St	Paving & Drainage Improvements	$455,000	$545,000			$1,000,000	G.O. Bonds
Ankeny	SW Des Moines Street	SW Magazine Road to SW Prairie Trail Parkway	Street Extension	$350,000	$4,425,000			$4,775,000	G.O. Bonds-TIF Abated
Ankeny	SW Plaza Parkway & SW College Avenue Extension	SW Plaza Parkway & SW College Avenue Extension	Street Extension	$1,950,000				$1,950,000	G.O. Bonds-TIF Abated
Ankeny	NW Irvinedale Drive Corridor Improvements			$1,925,000				$1,925,000	G.O. Bonds

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Ankeny	West 1st Street Widening & Improvements - Phase 1	From Hwy 69 to NW Scott Street			$200,000	$2,400,000	$2,200,000	$4,800,000	G.O. Bonds / MPO Grants
Ankeny	NW 18th Street Extension	From NW Weigel Dr to NW Abbie Dr				$285,000	$3,325,000	$3,610,000	G.O. Bonds
Ankeny	NE Delaware Avenue Reconstruction	From NE 5th St to NE 18th St					$325,000	$325,000	G.O. Bonds
Ankeny	SW Market Street	In The District	Street Extension	$1,400,000				$1,400,000	G.O. Bonds- TIF Abated
Carlisle	Ash Street	South 8th to South 5th	Overlay Ash Street	$30,000				$30,000	Road Use Tax Fund
Carlisle	West Cole Street	South 8th to West End	Overlay West Cole Street	$4,500				$4,500	Road Use Tax Fund
Carlisle	School Street	Lindhart to Railroad Tracks East of South Garfield	School Street Overlay			$800,000		$800,000	G.O. Bond
Clive	City-Wide	Various Locations	Street Rehabilitation Program	$963,000	$1,120,000	$1,120,000	$1,120,000	$4,323,000	Franchise Fees
Clive	Douglas Parkway	From Existing 4-Lane Roadway terminus to Alice's Rd	Douglas Parkway Improvements			$750,000		$750,000	Cash/Other misc.
Clive	Meredith Drive	From Clive/Urbandale Boundary to Alice's Rd	Meredith Drive Improvements	$1,080,000				$1,080,000	G.O. Bonds
Clive	Little Walnut Creek	West of Alice's Rd	Construct 125' bridge/box culvert and PCC Roadway over creek	$415,000				$415,000	Cash
Clive	Meredith Drive	Warrior Lane to a point 2,600' east	Placement of temproray asphalt surfacing	$157,500				$157,500	Franchise Fees
Des Moines	City-Wide	Various Locations	Repair/Rehab	$1,085,000	$1,100,000	$1,100,000	$1,125,000	$4,410,000	G.O. Bonds/TIF/State
Des Moines	City-Wide	Various Locations	Curb Replacement Program	$350,000	$350,000	$350,000	$350,000	$1,400,000	G.O. Bonds
Des Moines	E 29th St	From Easton Blvd to Euclid Ave	Pavement Rehab		$750,000			$750,000	STBG
Des Moines	6th Avenue	From Hickman Rd to I-235	Scenic or Historic Hwy	$1,550,000	$1,350,000	$1,500,000	$1,700,000	$6,100,000	TAP
Des Moines	City-Wide	Various Locations	Concrete Paving Restoration Program	$1,075,000	$1,075,000	$725,000	$1,075,000	$3,950,000	G.O. Bonds
Des Moines	East Douglas Ave	E.42nd St -E.56th St	Widening/ Expansion	$400,000	$300,000	$3,000,000	$3,000,000	$6,700,000	G.O. Bonds/STBG
Des Moines	Easton Blvd	E 34th St- 4-Mile Creek	Curb Construction	$500,000	$1,000,000			$1,500,000	G.O. Bonds

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Des Moines	Hubbell Ave	E 33rd to E 38th	New/Expansion	$1,200,000	$4,500,000	$2,000,000		$7,700,000	G.O. Bonds/State
Des Moines	Indianola Ave	E Army Post Rd to Hwy 69	Widening/ Expansion		$250,000	$750,000	$3,250,000	$4,250,000	G.O. Bonds/STBG
Des Moines	McKinley Ave	Fleur Dr to Indianola Ave	Widening/ Expansion	$1,600,000	$1,000,000	$1,400,000	$200,000	$4,200,000	G.O. Bonds
Des Moines	Merle Hay Road	Boston Ave to Douglas Ave	Widening/ Expansion		$100,000		$500,000	$600,000	G.O. Bonds/State
Des Moines	Park Ave	SW 56th St to SW 63rd St	Pavement Widening/ Expansion	$1,550,000				$1,550,000	STBG/G.O. Bonds
Des Moines	City-Wide	Various Locations	PCC Replacement Program	$150,000	$225,000	$225,000	$225,000	$825,000	G.O. Bonds
Des Moines	Major Roadways	Various Locations	Rehab/ Preservation	$500,000	$875,000	$925,000	$925,000	$3,225,000	G.O. Bonds/Federal
Des Moines	City-Wide	Various Locations	Residential Paving	$100,000	$320,000	$320,000	$320,000	$1,060,000	Assessments/G.O. Bonds
Des Moines	Southeast Connector	SE 30th St to US 65	Grade& Pave, Traffic Signals, Right of Way	$1,250,000	$2,000,000	$2,350,000	$4,500,000	$10,100,000	STBG
DOT	141: IA 17 Interchange (WB)	141: IA 17 Interchange (WB)	Bridge Deck Overlay	$480,000				$480,000	PRF
DOT	141: IA 17 Interchange (EB)	141: IA 17 Interchange (EB)	Bridge Deck Overlay	$480,000				$480,000	PRF
DOT	080: I-35/I-80 to IA 141 WB Ramp in Urbandale (NB)	080: I-35/I-80 to IA 141 WB Ramp in Urbandale (NB)	Bridge New, Grading, Right of Way	$840,000	$24,902,000	$23,750,000	$250,000	$49,742,000	NHPP
DOT	035: In Ankeny, N of Oralabor to NE 36th st, INC 1st st INT	035: In Ankeny, N of Oralabor to NE 36th st, INC 1st st INT	Grade and pave, bride replacement, right of way	$15,714,000	$13,533,000	$20,195,000	$285,000	$49,727,000	NHPP
DOT	IA 415: NW 66th Ave, 2.1mi N of I-80 (remove bridge)	IA 415: NW 66th Ave, 2.1mi N of I-80 (remove bridge)	Grade and Pave, traffic signals, wetland mitigation		$9,158,000			$9,158,000	NHPP
DOT	235: W I-35/I-80 Interchange to E I-35/I-80 Interchange	235: W I-35/I-80 Interchange to E I-35/I-80 Interchange	Patching	$200,000	$200,000	$200,000	$200,000	$800,000	PRF
DOT	E JCT I-80 to Wright Co	E JCT I-80 to Wright Co	Patching	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$4,000,000	
DOT	080: W I-35/I-235 Interchange to Jasper Co	080: W I-35/I-235 Interchange to Jasper Co	Patching	$400,000	$400,000	$400,000	$400,000	$1,600,000	PRF
DOT	US 6/NE Hubbell Avenue	S of Euclid Avenue to N of E 38th Street (State Share)	Grade & Pave, Signals		$4,000,000			$4,000,000	NHPP

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
DOT	US 69/E. 14th Street	I-80 to SE 33rd Street in Ankeny	ROW			$1,745,000	$17,000,000	$18,745,000	PRF
DOT	I-80	Co Rd P53/F60 to 60th Street in West Des Moines (EB)	Grade & Pave		$2,123,000			$2,123,000	NHPP
DOT	I-80	Co Rd P58 to Polk Co Line (WB)	Pavement Planing				$895,000	$895,000	PRF
DOT	I-80	UP RR W of Jordan Creek to W Jct I-35/80/235	Pavement Marking	$100,000				$100,000	PRF
DOT	I-35	SW of the Raccoon River in West Des Moines	ROW, Grade, Mitigation	$699,000				$699,000	PRF
DOT	I-35	NB I-35 to EB I-235 Ramp	ROW, Rip Rap	$227,000				$227,000	PRF
DOT	I-80	100th Street in Urbandale	Paving	$7,721,000				$7,721,000	NHPP
DOT	I-80	E Jct I-35/80/235 to First Street in Altoona	Pavement Marking	$275,000				$275,000	PRF
DOT	I-80	Fourmile Creek 1.4 mi E of I-35	ROW, Rip Rap	$107,000				$107,000	PRF
DOT	I-80	Co Rd S14 E to South Skunk River	Pavement Planing	$441,000				$441,000	PRF
Johnston	NW 70th Avenue	NW 86th Street to NW 98th Street	70th Avenue Reconstruction/ Stage 2 and 3	$6,449,461				$6,449,461	TIF
Johnston	East of Merle Hay Improvements	NW 57th Avenue, NW 54th Court, NW 60th Avenue	Merle Hay East Impr.	$3,120,000	$1,580,000	$2,870,000		$7,570,000	G.O. Bonds
Johnston	NW Beaver Drive	NW 66th Avenue to North City Limits	NW Beaver Drive 66- North City Limits Overlay	$650,000	$2,000,000			$2,650,000	G.O. Bonds
Johnston	NW 66th Avenue	East of NW Beaver Drive	NW 66th Ave Kempton Bridge Project (Polk Co)	$430,000				$430,000	G.O. Bonds
Pleasant Hill	Meacham Drive	70th to Elk Ridge entrance & 770 FT west of 70th	New Construction	$1,500,000				$1,500,000	TIF
Pleasant Hill	Meacham Drive	Elk Ridge to 75th	New Construction			$1,870,000		$1,870,000	
Pleasant Hill	Meacham Drive	64th to 70th	New Construction			$2,000,000		$2,000,000	
Pleasant Hill	Woodland Dr	Pleasant Ridge Road to SE 55th Street	New Construction	$431,000				$431,000	TIF
Pleasant Hill	S Shadyview Dr	SE 6th Ave to Pleasant Ridge Rd	Reconstruction			$1,700,000		$1,700,000	
Pleasant Hill	E/W Road on 75th Street/Commerce Park		New Construction		$1,000,000			$1,000,000	RISE
Pleasant Hill	60th Street & Morning Star Court	University Avenue to realigned Morning Star Court	Repair/Rehab	$2,720,000				$2,720,000	
Pleasant Hill	70th Street	University Avenue to Rising Sun Drive	Repair/Rehab	$3,610,000				$3,610,000	TIF
Pleasant Hill	SE 43rd Street	Vandalia Road to Carlisle Road	Repair/Rehab	$455,000				$455,000	TIF

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Pleasant Hill	SE 70th/68th	Rising Sun Drive to SE 6th Avenue	New Construction				$6,440,000	$6,440,000	
Polk County	NW 126 Ave	NE 14 St.	HMA Resurface	$979,000				$979,000	Local Budget
Polk County	NE 64 St	Hwy 65	HMA Resurface	$375,580				$375,580	Local Budget
Polk County	NE 62 Ave	West to CL	HMA Resurface	$89,000				$89,000	Local Budget
Polk County	NE 80 St	NE 46 Ave	HMA Resurface	$534,000				$534,000	Local Budget
Polk County	NE 70 Ave	NE 120 St	HMA Resurface	$178,000				$178,000	Local Budget
Polk County	NE 12 Ave.	NE 96 St.	HMA Resurface	$147,920				$147,920	Local Budget
Polk County	NW 72 Pl./2 St/NE 70 Ave	Ank. CL E. of NE 14 St	HMA Resurface	$277,200				$277,200	Local Budget
Polk County	NE Morgan Dr	Hwy 65	HMA Resurface	$312,000				$312,000	Local Budget
Polk County	NE 22 St.	NE 126 Ave	HMA Resurface	$178,000				$178,000	Local Budget
Polk County	NW 66 Ave	NW 26 St	Road Reconstruction		$3,330,000			$3,330,000	Local Budget
Polk County	NW 66 Ave	NW 26 St	Road Reconstruction		$4,570,000			$4,570,000	STBG
Polk County	NW Madrid Dr	Hwy 17	HMA Resurface		$1,109,500			$1,109,500	STBG
Polk County	NE 110 Ave	NE 38 St	HMA Resurface		$178,000			$178,000	Local Budget
Polk County	NE 50 Ave	NE 88 St	HMA Resurface		$267,000			$267,000	Local Budget
Polk County	NE 120 St	NE 102 Ave	HMA Resurface		$178,000			$178,000	Local Budget
Polk County	NW Beaver Ave	City Limits	HMA Resurface		$392,000			$392,000	Local Budget
Polk County	NW Morningstar Dr.	I-80	HMA Resurface		$250,000			$250,000	Local Budget
Polk County	NE 36 Ct/58 Ave/57 Pl/57 Ave/56 Pl	NE Berwick Dr	HMA Resurface		$62,000			$62,000	Local Budget
Polk County	NE 108 Ave	NE 46 St	HMA Resurface		$43,000			$43,000	Local Budget
Polk County	NW Towner Dr.	Hwy 141	HMA Resurface		$98,000			$98,000	Local Budget
Polk County	NW Lake Dr	Hwy 415	HMA Resurface		$192,000			$192,000	Local Budget
Polk County	NW 26 ST	HWY 415	Road Reconstruction			$5,000,000		$5,000,000	Local Budget
Polk County	NW 26 ST	HWY 416	Road Reconstruction			$1,750,000		$1,750,000	STBG
Polk County	NE 3 ST	NE 60 AVE	HMA Resurface/ Widen			$602,000		$602,000	STBG
Polk County	NW/NE 66 Ave	NE 22 St	HMA Resurface			$442,000		$442,000	Local Budget
Polk County	NE Berwick Dr	NE 86 Ave	HMA Resurface			$176,000		$176,000	Local Budget
Polk County	NE 38 St	NE 94 Ave	HMA Resurface			$356,000		$356,000	Local Budget

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Polk County	NE 46 Ave/116 St/54 Ave	NE 120 St	HMA Resurface			$1,055,600		$1,055,600	Local Budget
Polk County	NE 80 St	NE 94 Ave	HMA Resurface			$178,000		$178,000	Local Budget
Polk County	NE 46 St.	NE 94 Ave	HMA Resurface			$712,000		$712,000	Local Budget
Polk County	NE 29 St	NE 126 Ave	HMA Resurface			$356,000		$356,000	Local Budget
Polk County	NW Polk City Dr	Hwy 415	HMA Resurface			$267,000		$267,000	Local Budget
Polk County	NW 44 St	NW 118 Ave	HMA Resurface			$384,000		$384,000	Local Budget
Polk County	NE 126 Ave	City Limits	HMA Resurface			$601,000		$601,000	Local Budget
Polk County	NW 16 St.	NW 142 Ave	HMA Resurface			$534,000		$534,000	Local Budget
Polk County	NE 88 St.	NE 38 Ave	HMA Resurface			$178,000		$178,000	Local Budget
Polk County	NW Sheldahl Dr	NW 142 Ave	HMA Resurface				$1,148,000	$1,148,000	STBG
Polk County	NE 40 Ave	NE 96 St.	HMA Resurface				$272,000	$272,000	Local Budget
Polk County	NE 58 Ave	NE 116 St	HMA Resurface				$71,000	$71,000	Local Budget
Polk County	NW 86 St	NW 70 Ave	HMA Resurface				$253,000	$253,000	Local Budget
Polk County	NE 46 St.	NE 94 Ave	HMA Resurface				$643,000	$643,000	Local Budget
Polk County	NE 58 Ave	NE 96 St.	HMA Resurface				$356,000	$356,000	Local Budget
Polk County	SE 14 Pl	SE 55 St	HMA Resurface				$41,000	$41,000	Local Budget
Polk County	NE 120 St	NE 70 Ave	HMA Resurface				$89,000	$89,000	Local Budget
Polk County	NE 120 St	NE 58 Ave	HMA Resurface				$89,000	$89,000	Local Budget
Polk County	NE 16 St	NE 17 St	HMA Resurface				$82,000	$82,000	Local Budget
Polk County	NW 106 Ave	Hwy 415	HMA Resurface				$322,000	$322,000	Local Budget
Polk County	NE 29 St	NE 78 Ave	HMA Resurface				$356,000	$356,000	Local Budget
Polk County	NW 26 St	NW Polk City Dr	HMA Resurface				$50,000	$50,000	Local Budget
Polk County	NW 66 Ave	NW 23 St	HMA Resurface				$185,000	$185,000	Local Budget
Urbandale	Aurora Avenue	Walnut Creek Park Interior	Park roadway system		$850,000			$850,000	G.O. Bonds
Urbandale	City-wide	Various Locations	Annual Street Rehab Program	$1,152,000	$1,186,600	$1,222,200	$1,258,900	$4,819,700	G.O. Bonds/Road Use
Urbandale	Aurora Avenue	Railroad crossing on Aurora Ave at 112th St	Roadway Paving	$74,000				$74,000	IDOT/TIF
Urbandale	Meredith Dr	156th ST to 170th ST	Design/ Construction		$7,129,200			$7,129,200	G.O. Bonds/Special Assmt/Clive
Urbandale	NW 54th Ave	From 1/2 mile East of 100th St to 1/3 mile West of 100th St	Design/ Construction	$1,043,600				$1,043,600	TIF/Special Assmt/ Grimes/Johnston

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Urbandale	Waterford Rd	142nd to 156th	Design/ Construction		$6,979,200			$6,979,200	G.O. Bonds/Special Assmt
Urbandale	Waterford Rd	156th St to 170th ST	Design/ Construction			$6,879,200		$6,879,200	G.O. Bonds/Special Assmt
Urbandale	86th St	86th st from Hickman Rd to the north ramps at I-35/80	Preservation Project	$1,953,000		$2,449,000		$4,402,000	TIF/STBG/Road Use
Urbandale	100th St at I-35/80	100th St at I-35/80	Interchange	$3,420,000				$3,420,000	TIF
Urbandale	104th St	Hickman Road to Douglas Ave	Reconstruction	$1,834,600	$2,100,000			$3,934,600	TIF
Urbandale	Aurora Avenue	128th St to 142nd St		$475,000				$475,000	Private
Urbandale	Meredith Drive	170th Street to 184th St.		$375,000				$375,000	Roadway
Urbandale	142nd Street	Meredith Dr. to Waterford Rd					$6,978,600	$6,978,600	G.O. Bonds
Urbandale	Waterford Rd to North Corporate			$335,000				$335,000	Roadway
Waukee	Alice's Road Phase V	Olson Drive to Hickman Road	Widening/ Expansion		$13,000,000			$13,000,000	STBG/GO Bonds/TIF Bonds
Waukee	Warrior Lane	5-way to University Ave	Widening/ Expansion			$1,850,000		$1,850,000	G.O. Bonds
Waukee	West Waukee	West Waukee	Pavement Overlay	$200,000	$200,000	$200,000	$200,000	$800,000	RUT/Utility contribution
Waukee	City-wide	Various Locations	Annual Street Patching Projects	$175,000	$175,000	$175,000	$175,000	$700,000	RUT/Utility contribution
Waukee	City-wide	Various Locations	Annual Pavement Marking Painting	$50,000	$50,000	$50,000	$50,000	$200,000	RUT/Utility contribution
Waukee	City-wide	Various Locations	Annual Developer Lane Additions	$500,000	$500,000	$500,000	$500,000	$2,000,000	G.O. Bonds
Waukee	Second High School Street Improvements	Various street improvements and extensions for new high school	Roadway paving			$10,000,000		$10,000,000	G.O./TIF Bonds
Waukee	Little Walnut Creek Drive	Warrior Lane to north end of Little Walnut Creek Drive	Pavement Overlay	$875,000				$875,000	G.O. Bonds/Special Assessment
Waukee	Ashworth Road & Grand Prairie Parkway	Ashworth Road & Grand Prairie Parkway	Intersection Improvements			$4,000,000		$4,000,000	G.O. Bonds/Special Assessment
Waukee	Bel Aire Drive	Warrior Lane to 3rd Street	Pavement Overlay				$900,000	$900,000	G.O. Bonds/Special Assessment
Waukee	Warrior Lane	5-way to Hickman Road	Widening/ Expansion				$1,325,000	$1,325,000	G.O. Bonds/Special Assessment
West Des Moines	City-wide	Various Locations	Pavement Rehab Program	$4,100,000	$4,400,000	$5,000,000	$5,000,000	$18,500,000	RUT
West Des Moines	City-wide	Various City Parking Lots	Parking Lot Repairs	$325,000				$325,000	G.O. Bonds

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
West Des Moines	Ashworth Rd	Jordan Creek Pkwy to 81st St	Widening/ Expansion	$225,000				$225,000	RUT/TIF
West Des Moines	Ashworth Rd	81st St to 88th St	Widening/ Expansion	$4,005,000				$4,005,000	RUT/TIF
West Des Moines	Ashworth Rd	88th St to I-80 Bridge	Widening/ Expansion		$310,000	$1,950,000		$2,260,000	RUT/TIF
West Des Moines	Ashworth Rd	Over I-80 Bridge	Widening/ Expansion		$365,000	$2,600,000		$2,965,000	RUT/TIF
West Des Moines	Ashworth Rd	I-80 Bridge to 98th St	Widening/ Expansion	$410,000	$80,000		$2,995,000	$3,485,000	RUT/TIF
West Des Moines	S 88th St	Mills Civic Pkwy to Cascade Ave	Widening/ Expansion				$2,280,000	$2,280,000	G.O. Bonds/ Assessment
West Des Moines	S 88th St	Coachlight Dr to Mills Civic Pkwy	Widening/ Expansion				$1,335,000	$1,335,000	G.O. Bonds/ Assessment
West Des Moines	S 88th St	Abram Dr to Century Dr	Widening/ Expansion				$820,000	$820,000	G.O. Bonds/ Assessment
West Des Moines	Grand Ave	Section between I-35 and S 50th St	Repair/Rehab				$745,000	$745,000	G.O. Bonds
West Des Moines	S Jordan Creek Pkwy	Grand Ave to Raccoon River Dr	New Construction		$340,000	$1,285,000		$1,625,000	TIF
West Des Moines	Veterans Pkwy	SE Maffitt Lake Rd to SE Adams St	New Construction	$9,835,000				$9,835,000	TIF
West Des Moines	Veterans Pkwy	SE Adams St to SE 50th St	New Construction	$8,075,000				$8,075,000	TIF
West Des Moines	Veterans Pkwy	SE 50th St to SW 60th St	New Construction	$11,570,000				$11,570,000	TIF
West Des Moines	Veterans Pkwy	SW 60th St to SW 88th St	New Construction	$9,370,000				$9,370,000	TIF
West Des Moines	Veterans Pkwy	SW 88th St to S Grand Prairie Pkwy	New Construction	$6,800,000				$6,800,000	TIF
West Des Moines	S Grand Prairie Pkwy	Raccoon River Dr to SW Madison Ave	New Construction	$4,665,000				$4,665,000	TIF
West Des Moines	S Grand Prairie Pkwy	SW Madison Ave to Veterans Pkwy	New Construction	$4,800,000				$4,800,000	TIF
West Des Moines	SW 60th St	South of Adams St	Paving	$5,100,000				$5,100,000	TIF
West Des Moines	SE 50th St	County Line Rd to Adams St	Paving	$2,400,000				$2,400,000	TIF
West Des Moines	SE Adams St	SW 60th St to SE 50th St	PAVING	$1,900,000				$1,900,000	TIF

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
West Des Moines	S Grand Prairie Pkwy	Stagecoach Dr to Mills Civic Pkwy	New Construction		$2,756,000			$2,756,000	G.O. Bonds
West Des Moines	5th St	Locust St to Vine St	Repair/Rehab			$700,000		$700,000	G.O. Bonds
West Des Moines	Booneville Rd	S 88th St to S 91st St	Paving				$990,000	$990,000	G.O. Bonds
West Des Moines	Booneville Rd	S 91st St to S 93rd St	Paving				$1,045,000	$1,045,000	G.O. Bonds
West Des Moines	Booneville Rd	S 93rd St to Sugar Creek Bridge	Paving		$320,000	$1,990,000		$2,310,000	G.O. Bonds
West Des Moines	EP True Pkwy	81st St to Jordan Creek Pkwy	Widening/ Expansion	$310,000	$2,235,000			$2,545,000	G.O. Bonds
West Des Moines	EP True Pkwy	West of 88th St	New Construction	$225,000				$225,000	G.O. Bonds/ Assessment
West Des Moines	EP True Pkwy	Grand Prairie Pkwy to 115th St	New Construction			$10,430,000		$10,430,000	G.O. Bonds/ Assessment
West Des Moines	S 50th St	Mills Civic Pkwy to Park Dr	Widening/ Expansion				$1,145,000	$1,145,000	
West Des Moines	Coachlight Dr/S 78th St	S Jordan Creek Pkwy to S 81st St	New Construction	$4,230,000				$4,230,000	TIF
West Des Moines	Mills Civic Pkwy	S Jordan Creek Pkwy to S 81st St	Widening/ Expansion	$4,240,000				$4,240,000	TIF
Windsor Heights	University Ave	From 73rd St to 63rd	Complete Street		$210,000	$2,128,518		$2,338,518	Multiple
Windsor Heights	College Dr.	From 73rd St to Harbach Blvd	Street Reconstruction		$195,000	$2,055,000		$2,250,000	Multiple
Windsor Heights	68th St	From School St to University	Street Reconstruction				$2,250,000	$2,250,000	Multiple
Windsor Heights	69th St	From School St to Mott Ave	Street Reconstruction				$1,340,000	$1,340,000	Multiple
Windsor Heights	Mott Ave	From 69th to 64th	Street Reconstruction				$1,270,000	$1,270,000	Multiple
			TOTALS:	$182,510,361	$139,739,500	$153,118,518	$95,774,500	$571,142,879	

Transportation Capital Improvements: TRAFFIC SAFETY

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Ankeny	City-Wide	Various Locations	Annual Traffic Signal Improvement Program	$550,000	$350,000	$350,000	$350,000	$1,600,000	G.O. Bonds/Grants/ Cash/Other
Carlisle	5th Street	South 5th and Highway 5 Intersection	Traffic Control Unit at 5th Street	$10,000				$10,000	Road Use Tax Fund
Clive	City-Wide	Various Locations	Annual traffic improvement and safety program	$300,000	$300,000	$300,000	$300,000	$1,200,000	G.O. Bonds
Des Moines	City-Wide	Various Locations	RR crossing repairs & improvements	$50,000		$50,000		$100,000	G.O. Bonds
Des Moines	City-Wide	Various Locations	Signals/ Channelization/ School Crossings	$725,000	$650,000	$650,000	$650,000	$2,675,000	G.O. Bonds/State
DOT	I-80	E of Altoona to Tiffin	Signing	$2,375,000				$2,375,000	PRF
Pleasant Hill	University Avenue	Various Locations	Traffic Adaptive Signal System	$721,000				$721,000	ICAAP/G.O. Bonds/ Iowa DOT
Polk County	NE Oak Hill Drive		Traffic Safety Improvement		$180,000			$180,000	TSIP
Urbandale	City-Wide	Various Locations	Traffic Signal Equiptment Upgrade Program	$75,000	$75,000	$75,000	$75,000	$300,000	Roadway
Urbandale	75th Street & Douglas Ave	75th Street & Douglas Ave	Traffic signal replacement	$180,000				$180,000	TIF
Urbandale	128th St and Plum Dr	128th St and Plum Dr	Traffic signal installation	$170,000				$170,000	Private
Urbandale	156th St and Meredith Dr	156th St and Meredith Dr	Traffic signal installation		$180,000			$180,000	G.O. Bonds
Urbandale	Meredith Drive and 112th St				$180,000			$180,000	TIF
Waukee	Westgate Dr & Hickman Rd	Westgate Dr & Hickman Rd	Traffic signal installation	$450,000				$450,000	G.O. Bonds/TIF Bonds/State
Waukee	Waco Place & Hickman Rd	Waco Place & Hickman Rd	Traffic signal installation			$400,000		$400,000	G.O. Bonds/TIF Bonds/State
West Des Moines	City-Wide	Various Locations	Traffic Signal System Updates	$50,000	$50,000	$50,000	$50,000	$200,000	RUT
West Des Moines	City-Wide	Various Locations	Durable Pavement Markings	$125,000	$125,000	$125,000	$125,000	$500,000	RUT
West Des Moines	City-Wide	Various Locations	Guardrail Replacement	$100,000	$100,000	$100,000	$100,000	$400,000	RUT

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
West Des Moines	City-Wide	Various Locations	Traffic Signal Battery Backup	$20,000	$20,000	$20,000	$20,000	$80,000	RUT
West Des Moines	City-Wide	Various Locations	New Streetlights	$200,000	$200,000	$200,000	$200,000	$800,000	RUT
			TOTALS:	**$6,101,000**	**$2,410,000**	**$2,320,000**	**$1,870,000**	**$12,701,000**	

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Transportation Capital Improvements: TRAILS

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Ankeny	NE Delaware Ave Trail Connection	From NE 18th St to NE 22nd st (along west side of NE Delaware Ave)	Bike/Ped Bridge and Trail Connection	$735,000				$735,000	G.O. Bonds/ TAP
Ankeny	SW Prairie Trail Parkway	Chautauqua Park Lake Recreation Trail	Trail construction/ design	$125,000				$125,000	G.O. Bonds
Ankeny	High Trestle Trail Extension	From Ordnance Rd to SE Magazine Rd	Bike/Ped Bridge and Trail Connection	$460,000	$120,000	$1,280,000		$1,860,000	G.O. Bonds/ TAP / DOT
Clive	Greenbelt Trail	Greenbelt Trail	Repair/Rehab	$300,000	$550,000			$850,000	G.O. Bonds
Clive	North Walnut Creek	Greenbelt Trail to Clive Elementary	Construction of a trail extension	$270,000	$670,000			$940,000	G.O. Bonds/Grants
Des Moines	Des Moines River Trail Phase 2	Along S. Side of DM River between Cownie Sports Complex and Easter Lake Park	Ped/bike grade & amp; Pave		$1,750,000	$1,250,000		$3,000,000	TAP
Des Moines	City-wide	Various Locations	New Expansion, Repair/Rehab	$1,200,000	$1,150,000			$2,350,000	G.O. Bonds/Grants/ Federal/State/Storm Water Utility Fund/ Polk County/Tax Increment Bonds
Johnston	Along NW 59th Court	NW 62nd Avenue to Northglenn Drive	Trail, Library to Middle School			$150,000	$1,000,000	$150,000	G. O. Bonds
Johnston	Pioneer Parkway	Merle Hay Road to NW 62nd Avenue	Pioneer Parkway Trail	$50,000	$500,000			$500,000	G. O. Bonds
Johnston	NW Beaver Drive	NW 66th Avenue to North City Limits		$1,000,000				$1,000,000	G. O. Bonds
Johnston	Pioneer Parkway	Merle Hay Road to NW 62nd Avenue			$50,000			$50,000	G. O. Bonds
Johnston	NW 48th Street		Trail connectivity N of 62nd near PW Building	$150,000				$150,000	G. O. Bonds
Johnston	86th Street	south of NW 62nd Avenue - by Green Meadows West			$350,000	$700,000		$1,050,000	G. O. Bonds
Pleasant Hill	Youngstown Trail	GLW trail at Scott to Pleasant Hill Blvd	New Construction	$250,000	$250,000			$500,000	TIF
Pleasant Hill	Youngstown Trail	Pleasant Hill Blvd to Oakwood Dr	New Construction			$250,000	$250,000	$500,000	
Urbandale	City-Wide	Various Locations	Trail Improvements	$75,000	$75,000	$75,000	$75,000	$300,000	G.O. Bonds
Urbandale	Bent Creek Ridge Park	connect at Brookview dr west of 146th st	Trail design/ construction	$310,000				$310,000	G.O. Bonds

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SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR					FUNDING SOURCE
				2018	2019	2020	2021	TOTAL	
Urbandale	Walnut Creek Trail	From 156th St to Waterford Rd	Ped/Bike Grade & amp; Pave	$746,000				$746,000	TAP Grant/G.O. Bonds
Urbandale	Start at Waterford Road along west side of Walnut Creek	End at Dallas Co unincorporated city boundary	Trail design/ construction			$432,000		$432,000	G.O. Bonds/Parkland
Urbandale	Walnut Creek Park Interior	Walnut Creek Park Interior	Trail design/ construction			$380,000		$380,000	G.O. Bonds
Urbandale	Coyote Ridge Trail				$241,500			$241,500	G.O. Bonds
Waukee	Warrior Lane	Hickman Road	Trail Underpass				$1,500,000	$1,500,000	G.O./TIF Bonds
Waukee	Ashworth/Warrior Lane	Laurel Street/Warrior Lane	Trail construction/ design				$250,000	$250,000	G.O./TIF Bonds
Waukee	Various Streets/ Kettlestone Development		Developer Reimbursement for trail construction	$100,000	$100,000	$100,000	$100,000	$400,000	G.O./TIF Bonds
West Des Moines	City-wide	Various Locations	Trail Renovations	$275,000	$245,000	$255,000	$255,000	$1,030,000	G.O. Bonds
West Des Moines	1st St & Railroad Ave	1st St & Railroad Ave	Trail Improvements	$20,000	$80,000			$100,000	G.O. Bonds
West Des Moines	Grand Ave Trail	West of I-35	New Construction			$210,000		$210,000	G.O. Bonds
West Des Moines	Valley Junction Trail Connection	Valley Junction	New Construction	$50,000		$450,000		$500,000	G.O. Bonds
West Des Moines	Windsor Heights Trail Connection	Windsor Heights Trail Connection	Feasibility Study	$30,000				$30,000	G.O. Bonds
West Des Moines	Woodland Hills Greenway Trail	Woodland Hills	New Construction	$315,000				$315,000	G.O. Bonds
West Des Moines	City-wide	Various Locations	Greenway Wayfinding Signage	$15,000				$15,000	G.O. Bonds
			TOTALS:	**$6,476,000**	**$6,131,500**	**$5,532,000**	**$3,430,000**	**$20,519,500**	

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Transportation Capital Improvements: TRANSIT

SPONSOR	STREET	TERMINI	PROJECT TYPE	FUNDING BY FISCAL YEAR 2018	2019	2020	2021	TOTAL	FUNDING SOURCE
DART	Bus Lease- 20 fixed-route buses	Bus Lease- 20- fixed-route buses	Fleet	$888,063	$888,063	$888,063	$888,063	$3,552,252	Federal/Local
DART	Heavy Duty Bus Replacements	Heavy Duty Bus Replacements	Fleet	$3,845,378	$4,110,080	$4,424,243	$4,026,061	$16,405,762	Federal/Local
DART	Medium Duty Bus Replacements	Medium Duty Bus Replacements	Fleet			$884,749	$977,826	$1,862,575	Federal/Local
DART	Rideshare Van Replacements	Rideshare Van Replacements	Fleet	$489,829	$618,329	$715,284	$684,683	$2,508,125	Federal/Local
DART	Facility A&E	Facility A&E	Facilities	$100,000	$125,000	$100,000	$100,000	$425,000	Federal/Local
DART	Facility Renovations	Facility Renovations	Facilities	$200,000	$500,000			$700,000	Federal/Local
DART	Facility HVAC, Electric plumbing, & Tanks	Facility HVAC, Electric plumbing, & Tanks	Facilities	$163,199	$831,149	$122,987	$61,494	$1,178,829	Federal/Local
DART	Facility Doors, Gates, & Fences	Facility Doors, Gates, & Fences	Facilities	$45,020		$110,450	$36,896	$192,366	Federal/Local
DART	Concrete Replacement	Concrete Replacement	Facilities	$300,000		$184,481		$484,481	Federal/Local
DART	Shop Equipment	Shop Equipment	Support Equipment	$172,203	$132,157		$34,436	$338,796	Federal/Local
DART	Facility Equipment	Facility Equipment	Support Equipment	$163,199	$55,287	$35,822	$30,000	$284,308	Federal/Local
DART	Non-Revenue Fleet	Non-Revenue Fleet	Support Equipment	$29,263		$38,704	$172,182	$240,149	Federal/Local
DART	Computer & Technology Equipment	Computer & Technology Equipment	Technology	$156,167	$59,943	$34,838	$35,994	$286,942	Federal/Local
DART	Computer Software	Computer Software	Technology	$202,103				$202,103	Federal/Local
DART	Bus Shelters	Bus Shelters	Passenger Amenities	$81,250	$67,500	$96,750	$71,813	$317,313	Federal/Local
DART	Pedestrian Access	Pedestrian Access	Passenger Amenities	$15,000		$15,000		$30,000	Federal/Local
DART	Bus Rapid Transit	Bus Rapid Transit	Development			$25,000,000		$25,000,000	Federal/Local
DART	Preventative Maintenance	Preventative Maintenance	Operations	$2,595,000	$2,595,000	$2,595,000	$2,595,000	$10,380,000	Federal/Local
DART	ADA Paratransit	ADA Paratransit	Operations	$375,000	$375,000	$375,000	$375,000	$1,500,000	Federal/Local
DART	Purchased Transportation	Purchased Transportation	Operations	$175,000	$180,000	$185,400	$190,962	$731,362	Federal/Local
			TOTALS:	**$9,995,674**	**$10,537,508**	**$35,806,771**	**$10,280,410**	**$66,620,363**	

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Glossary of Acronyms + Major Funding Sources

ACRONYM/FUNDING SOURCE	DESCRIPTION
Assessments	Fees assessed to the affected property owners to assist with project funding
Capital Project Fund	Cash reserves that have been earmarked specifically for a capital project
Contributions (Developer, Private, School District)	Funding provided by a specific entity assisting in project funding
CMAQ	Congestion Mitigation and Air Quality Improvement Program
DMWW	Des Moines Water Works
Gaming Monies	Revenues received from state gambling entities
GF (General Funds)	Non-obligated city funds.
G.O. (Genearal Obligation) Bonds	Issued to get money on credit for projects, popular because primarily based on the ability to tax; the most common source of funding projects.
Grant	State funding support
HMA	Hot mix asphalt
HSIP	Highway Safety Improvement Program
Local Budget	Funds designated primarily to aid local residents in movement
NEPA	National Environmental Policy Act funds
NHPP	National Highway Performance Program
PCC	Portland Cement Concrete
PRF	Primary road fund
RISE	Revitalize Iowa's Sound Economy funds
RUT - Foad User Tax Fee	Part of the gasoline tax received from the State of Iowa for roadway projects
STBG	Surface Transportation Block Grant
TAP	Transportation Alternatives Program
Tax Increment Financing	Funds spent on current projects based on the assumed increase of tax revenue in a TIF-designated district.
TIGER Grant	Transportation Investment Generating Economic Recovery
TSF	Traffic Safety Fund
TSIP	Traffic Safety Improvement Program

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