



APPENDIX K: TRANSPORTATION IMPROVEMENT PROGRAM

TRANSPORTATION IMPROVEMENT PROGRAM

Appendix K includes a list of all the project included in the Federal Fiscal Year 2020-2023 Transportation Improvement Program that was approved by the MPO Executive Committee at their July 17, 2019, meeting. The complete FFY 2020-2023 TIP is available on the MPO website.

FIGURE K1: FFY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS

TPMS#	SPONSOR	DESCRIPTION	WORK TYPE	FUNDING PROGRAM	COST (MILLIONS)
33859	Altoona	8th Street SW Reconstruction: US 65 to Venbury Drive	Pavement Rehab,Ped/Bike Paving	SWAP-STBG	\$18.7
35369	Ankeny	"In the City of Ankeny, High Trestle Trail Extension SE Magazine Road to SE Oralabor Road"	Ped/Bike Grade & Pave	STBG	\$2.2
35368	Ankeny	In the city of Ankeny, On West First Street, from SW Scott Street to Ankeny Boulevard	Pave	SWAP-STBG	\$6.0
39392	Ankeny	In the city of Ankeny, Oralabor Trail - SW State St Overpass	Ped/Bike Structures	STBG-TAP	\$1.6
39390	Ankeny	In the city of Ankeny, On NE Delaware Ave Widening - NE 5th to 18th St	Pavement Widening	SWAP-STBG	\$10.2
25421	Bondurant	In the City of Bondurant, US 65/Lincoln Street: Pedestrian/Bicycle Underpass	Ped/Bike Miscellaneous	STBG-TAP	\$2.7
36673	Carlisle	In the city of Carlisle, Scotch Ridge Road and Highway 5 intersection south approx. 1,250 feet southwest	Pavement Rehab,Traffic Signals	SWAP-STBG	\$3.2
37830	Clive	In the city of Clive, U.S. Highway 6 & NW 128th Street Intersection Improvements	Pavement Widening,Traffic Signals	SWAP-CMAQ	\$2.9
35374	Des Moines	In the city of Des Moines, 6th Avenue Streetscape, from University Avenue to College Avenue	Lighting,Corridor Preservation	STBG	\$3.9
37836	Des Moines	In the city of Des Moines, Traffic Signal System Timings Update - Phase 3	Traffic Signals	SWAP-CMAQ	\$0.2
25172	Des Moines	In the City of Des Moines, East Douglas Avenue Widening: From East 42nd Street to East 56th Street	Grade and Pave,Pavement Widening,Right of Way	SWAP-STBG	\$10.0
33863	Des Moines	On E 29th Street: Easton Blvd to Euclid Avenue	Pavement Rehab	SWAP-STBG	\$0.8
33879	Des Moines	In the city of Des Moines, On E 30th St Viaduct over UPRR, from Dean Avenue to Raccoon Street	Bridge Rehabilitation	SWAP-STBG	\$5.9
27151	Des Moines	In the city of Des Moines, Bill Riley Trail Bridge, Over Raccoon River	Ped/Bike Structures	STBG	\$0.4
36674	Des Moines	In the City of Des Moines, Ingersoll Avenue Reconstruction, from Polk Blvd to 42nd St	Pavement Rehab	SWAP-STBG	\$2.8

FIGURE K1: FFY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS (CONTINUED)

TPMS#	SPONSOR	DESCRIPTION	WORK TYPE	FUNDING PROGRAM	COST (MILLIONS)
27142	Des Moines	In the city of Des Moines, On 2nd Avenue Bridge, Over Des Moines River and Birdland Drive	Bridge Rehabilitation	SWAP-STBG	\$4.0
27144	Des Moines	On Indianola Avenue Widening, from East Army Post Road to U.S. 69	Pavement Widening	SWAP-STBG	\$6.3
36675	Des Moines	In the city of Des Moines, Walnut Street Bridge Replacement	Bridge Replacement	SWAP-STBG	\$11.0
37833	Des Moines	In the City of Des Moines, Intelligent Transportation Systems Upgrade - Phase 3	Traffic Signals	SWAP-STBG	\$15.0
37834	Des Moines	In the city of Des Moines, Guthrie Avenue Viaduct Rehabilitation	Pavement Rehab	SWAP-STBG	\$5.0
37835	Des Moines	In the city of Des Moines, Carlisle Trail	Ped/Bike Grading,Ped/Bike Paving	STBG-TAP	\$2.5
39393	Des Moines	In the city of Des Moines, SE Connector from 30th St to US 65	Pavement Rehab/ Widen,Bridge New,Ped/Bike Miscellaneous	SWAP-STBG	\$9.4
39435	Des Moines	In the city of Des Moines, Intelligent Transportation System Phase 4	Traffic Signals	SWAP-STBG	\$12.5
38072	Iowa DOT	I-80: DOUGLAS AVE TO E OF 100TH ST	Grade and	NHPP	\$24.5
38152	Iowa DOT	I-35: IN ANKENY FROM N OF ORALABOR RD TO NE 36TH ST	Grade and Pave,Bridge Replacement	NHPP	\$25.6
38247	Iowa DOT	US 69: I-80 TO SE 33RD ST IN ANKENY	Grade and Pave,Traffic Signals,Right of Way	NHPP	\$20.6
39324	Iowa DOT	IA 415: E EUCLID AVE IN DES MOINES TO NW 72ND PLACE (STATE SHARE)	Pavement Rehab	NHPP	\$3.5
38004	Iowa DOT	IA 28: WALNUT CREEK 0.4 MI S OF I-235 IN DES MOINES	Bridge Deck Overlay	PRF	\$0.8
39328	Iowa DOT	US 65: SE ARMY POST RD EXIT SB RAMP	Culvert Replacement,Right of Way	PRF	\$0.1
39329	Iowa DOT	US 65: BONDURANT TO CO RD S27	Wetland Mitigation	PRF	\$0.1
39330	Iowa DOT	US 65: IA 5 TO IA 163	Wetland Mitigation	PRF	\$0.04

FIGURE K1: FFY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS (CONTINUED)

TPMS#	SPONSOR	DESCRIPTION	WORK TYPE	FUNDING PROGRAM	COST (MILLIONS)
39331	Iowa DOT	US 69: AT SE SHURFINE DR IN ANKENY (STATE SHARE)	Grade and Pave	PRF	\$0.5
39332	Iowa DOT	I-80: US 65 TO JASPER CO (WB)	Pavement Planing	PRF	\$0.4
39333	Iowa DOT	IA 160: DMACC BLVD IN ANKENY (STATE SHARE)	Pavement Widening	PRF	\$0.5
39334	Iowa DOT	I-235: SW I-35/80 INTERCHANGE TO NE I-35/80 INTERCHANGE	Lighting	PRF	\$0.3
39335	Iowa DOT	I-235: SW I-35/80 INTERCHANGE TO NE I-35/80 INTERCHANGE	Landscaping	PRF	\$0.1
38071	Iowa DOT	I-35: I-80/235 INTERCHANGE NE OF DES MOINES	Grade and Pave,Bridge New,Grading	NHPP	\$61.0
39326	Iowa DOT	I-35: N OF NE 54TH AVE TO S OF E 1ST ST IN ANKENY	Pavement Rehab	PRF	\$3.5
39336	Iowa DOT	IA 415: CO RD R6F/NW BEAVER DR INTERSECTION (STATE SHARE)	Grade and Pave	PRF	\$0.4
38112	Iowa DOT	I-80: UNIVERSITY AVE IN WEST DES MOINES	Grade and Pave,Traffic Signals,Traffic Signs	PRF	\$1.4
39322	Iowa DOT	US 69: FOURMILE CREEK 0.8 MI S OF CO RD F22	Bridge Replacement,Right of Way	NHPP	\$1.5
38111	Iowa DOT	I-35: NE 36TH ST IN ANKENY TO N OF IA 210	Bridge	NHPP	\$28.4
38206	Iowa DOT	US 69: DES MOINES RIVER TO N OF MAURY AVE IN DES MOINES (STATE SHARE)	Traffic Signals,Right of Way	PRF	\$0.8
39323	Iowa DOT	US 69: FOURMILE CREEK 0.3 MI N OF CO RD F22	Bridge Replacement	NHPP	\$1.5
38007	Iowa DOT	US 69: FOURMILE CREEK 0.1 MI S OF CO RD F22	Bridge Replacement	PRF	\$1.2
39327	Iowa DOT	US 65: SE 64TH AVE 1.0 MI N OF IA 5 (NB & SB)	Bridge Deck Overlay	PRF	\$1.7
39461	Johnston	"In the city of Johnston, On NW 100th Street, NW 62nd Ave south to 1000 feet north of the NW 54th Avenue"	Grade and Pave	SWAP-STBG	\$10.8

FIGURE K1: FFY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS (CONTINUED)

TPMS#	SPONSOR	DESCRIPTION	WORK TYPE	FUNDING PROGRAM	COST (MILLIONS)
38361	MPO	MPO Planning Funding	Miscellaneous	PL	\$3.9
27146	MPO	Transportation Management Association	Miscellaneous,Ped/ Bike	STBG	\$0.5
22143	MPO	DART: Vehicle Purchase	Transit Investments	STBG	\$8.3
35378	MPO	On IA-415, from Euclid Avenue to NE Packard Way	Pavement Rehab/ Widen	SWAP-STBG	\$5.0
36677	MPO	Pavement Rehabilitation on US6/Merle Hay Road: Hickman Road to Douglas Avenue	Pavement Rehab	SWAP-STBG	\$0.8
37843	MPO	In the City of Des Moines, Douglas/Euclid Avenues from Merle Hay Road east to just west of E. 14th Street	Pavement Rehab	SWAP-STBG	\$5.0
35375	Norwalk	In the city of Norwalk, Great Western Trail Along 50th Avenue, from Beardsley Street to Countyline Road	Ped/Bike Grade & Pave	STBG	\$1.2
39397	Norwalk	In the city of Norwalk, On the intersection of Beardley St and IA 28 (Sunset Dr)	Pavement Rehab/ Widen,Traffic Signals	SWAP-STBG	\$2.2
36942	Pleasant Hill	In the city of Pleasant Hill, Iowa 163 Adaptive Traffic Signal Control System	Traffic Signals	CMAQ	\$0.7
36678	Polk County	On NE Berwick Drive, Over UPRR, S of NE 70th Avenue	Bridge Replacement	STBG-HBP	\$1.0
34814	Polk County	On NE 3RD ST, Over CREEK, North of NE 46 Ave	Bridge Replacement	SWAP-STBG	\$0.8
34815	Polk County	On NE 3rd ST, from NE Aurora Ave to NE 60 Ave	Pavement Rehab	SWAP-STBG	\$0.6
36680	Polk County	NE 82 Ave W of NE 109 St	Bridge Replacement	SWAP-STBG	\$1.7
34816	Polk County	On NW 26TH ST, from NW 66 Ave to Hwy 415	Pavement Rehab	SWAP-STBG	\$6.8
36679	Polk County	On NE FRISK DR, Over Deer Creek N of NE 94 Ave	Bridge Replacement	SWAP-STBG	\$0.9

FIGURE K1: FFY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM PROJECTS (CONTINUED)

TPMS#	SPONSOR	DESCRIPTION	WORK TYPE	FUNDING PROGRAM	COST (MILLIONS)
37444	Polk County	On NE 22ND ST, from NE 54 Ae 0.5 Miles to N of NE 58 Ave	Pavement Rehab/Widen	SWAP-STBG	\$3.2
38607	Polk County	On NW 86 St, Over LITTLE BEAVER CREEK N. of NW 70 Ave	Bridge Replacement	SWAP-HBP	\$1.1
32581	Polk County	On NE 50 AVE, Over MUD CREEK E of NE 80 St	Bridge Replacement	SWAP-STBG	\$0.7
36681	Urbandale	In the city of Urbandale, 170th Street (Alice's Road): Meredith Drive to Waterford Road	Pavement Rehab,Traffic Signals,Pavement Markings	SWAP-STBG	\$7.2
37839	Urbandale	In the city of Urbandale, 128th Street Maintenance, Douglas Parkway to Aurora Avenue	Pavement Rehab	SWAP-STBG	\$1.0
36682	Warren County	Greenfield Plaza Safe Routes to School: Palomino Parkway to East County Line Road	Ped/Bike ROW,Ped/Bike Grade & Pave	STBG	\$0.2
39403	Waukee	In the city of Waukee, Traffic Signal Enhancements Project	Traffic Signals	SWAP-CMAQ	\$1.3
39396	West Des Moines	In the city of West Des Moines, Adaptive Traffic Control System Expansion	Traffic Signals	SWAP-CMAQ	\$0.4
37840	West Des Moines	In the city of West Des Moines, Ashworth Road Adaptive Traffic Signal Control System	Traffic Signals	SWAP-CMAQ	\$0.3
35377	West Des Moines	In the city of West Des Moines, Grand Avenue Widening: from 1st Street to 6th Street	Grade and Pave	SWAP-STBG	\$5.6
39464	West Des Moines	In the city of West Des Moines, University Avenue Corridor Master Plan	Miscellaneous	STBG	\$0.2
39395	West Des Moines	In the city of West Des Moines, 8th Street Improvements from I-235 South Ramp to Clegg Road	Pavement Rehab	SWAP-STBG	\$4.6
33876	Windsor Heights	In the city of Windsor Heights, On University Avenue: from 73rd street to 63rd Street	Ped/Bike Paving	SWAP-STBG	\$3.3

FIGURE K2: FFY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM TRANSIT PROJECTS

TPMS#	SPONSOR	DESCRIPTION	FUNDING PROGRAM	COST (MILLIONS)
3867	DART	Enhanced Corridors	5309	\$45.0
997	DART	Subcontracted Paratransit Operations	5310	\$1.8
996	DART	Operations for Rural Services	5311	\$0.2
5115	DART	Maintenance & Operations Facility	PTIG, 5339	\$91.0
4766	DART	Six 40' HD Buses w/Surv. & AVL (2006 Orion Buses)	5339	\$11.1
3866	DART	Nine Heavy-Duty Buses w/Surv. & AVL	STP, 5307, 5339	\$8.8
2480	DART	Twenty Lease Buses - 20 (2015 Lease)	5307	\$6.1
2482	DART	Computer Software	5307	\$0.1
4292	DART	Five 27' - 31' Buses w/Surv., Fareboxes & AVL	5307, 5310	\$7.2
1020	DART	Preventive Maintenance	5307	\$23.4
1021	DART	ADA Paratransit	5307	\$3.4
1024	DART	Admin and Maint. Facility Engineering and Design	5307	\$0.7
1026	DART	Facility Repairs/Renovations	5307	\$3.3
1028	DART	Shop and Garage Equipment	5307	\$0.9
1029	DART	Miscellaneous Equipment	5307	\$0.2

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TPMS#	SPONSOR	DESCRIPTION	FUNDING PROGRAM	COST (MILLIONS)
1030	DART	Computer Hardware	5307	\$0.7
1032	DART	Associated Transit Improvements	5307	\$0.8
1042	DART	Support Vehicles	5307	\$0.9
1046	DART	RideShare Vehicles (Repl/Exp)	5307	\$5.1
1027	DART	Security/Safety Improvements at Facilities	5307	\$0.5
4326	DART	Seven Heavy-Duty Buses w/Surv. & AVL	STP, 5307, 5339	\$7.2
4327	DART	Planning - DART Forward Plan Update	5307	\$0.7
4762	DART	Six Heavy-Duty Buses w/Surv. & AVL	STP, 5307, 5339	\$13.2
4763	DART	Pavement Replacement	5307	\$0.4
995	DART	General Operations/Maintenance/ Administration	STA	\$16.5
4783	DART	Euclid/Douglas Avenue Crosstown	ICAAP	\$1.4
1016	DART	Facility Renovations	PTIG	\$0.4
1049	DART	Park & Ride Lot	ICAAP	\$0.7
3120	DART	Express Service Improvements	ICAAP	\$1.1
1756	DART	Local Routes Service Improvements	ICAAP	\$1.7