

Five Year Capital Improvement Plan 2020-2024

Department/Division: STREETS-ENGINEERING

Project Name and Description	Estimated Total Cost					Funding Sources	Funding Sources Amount
	2020	2021	2022	2023	2024		
YELLOW SPRINGS-FAIRFIELD ROAD	\$2,500,000					Street Levy (2104)	\$336,255
Mill and resurface existing pavement, add curb and gutter on both sides, multi-use path on one side, and RRFB crossings at Black Lane, Roehner Drive, Astoria and Warm Springs, and add drainage improvements..						STP Grant	\$1,163,745
						OPWC Loan	\$1,000,000
Engineered By: Consultant							
Constructed By: Contract							
Project Type: New Construction							
MAPLE PHASE 1 ROAD IMPROVEMENTS (DORIS - DAYTON)	\$2,700,000					Street Levy (2104)	\$602,656
New asphalt pavement, replace all curb and gutter, add bike facilities, replace waterline, some sidewalk replacement, upgrade traffic signals at Redbank, and add pedestrian rapid flashing beacons at non-signalized crosswalks.						STP Grant	\$1,297,344
						OPWC Grant	\$800,000
Engineered By: Consultant							
Constructed By: Contract							
Project Type: New Construction							
CENTRAL AVE RECONSTRUCTION (LINDBERG TO DAYTON)	\$1,500,000					Street Levy (2104)	\$767,950
Construction contract for the full depth reconstruction of pavement including full curb replacement, some sidewalk replacement, and new striping.						ODOT Urban Paving	\$232,050
						OPWC Loan	\$500,000
Engineered By: Consultant							
Constructed By: Contract							
Project Type: New Construction							
TRAFFIC SIGNAL UPGRADES		\$400,000				Street Levy (2104)	\$300,000
Replacement of all signal infrastructure including poles, signals, equipment, and wiring at Broad & Highview, Maple & Whittier, and Kauffman & Wright State Road.						County \$5 License Fee (2104)	\$100,000
Engineered By: Consultant							
Constructed By: Contract							
Project Type: Replacement of Asset							

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	2020	2021	2022	2023	2024		
COLONEL GLENN PEDESTRIAN IMPROVEMENTS		\$1,165,000				Street Levy (2104)	\$244,651
Construction for a portion of the corridor enhancements between Old Yellow Springs Road and University Boulevard improvements including new sidewalk on the south side of the road, new pedestrian crossings, RRFB's, retaining walls, pedestrian curb ramps and lighting, drainage.						CMAQ Funds (MVRPC)	\$920,349
Engineered By: Consultant							
Constructed By: Contract							
Project Type: New Construction							
COLONEL GLENN ENHANCEMENTS PHASE 1		\$1,100,000				General Capital Improvement (4301)	\$500,000
Construction contract for a portion of the corridor between North Fairfield Road and Univeristy Boulevard. improvements include a multi-use path on the north side of the road, decorative lighting, landscaping, trees, drainage improvements, and brick columns.						TA Grant	\$350,000
Engineered By: Consultant						County \$5 License Fee (2104)	\$250,000
Constructed By: Contract							
Project Type: New Construction							
MAPLE AVE PHASE 2 ROAD IMPROVEMENTS		\$2,923,908				Street Levy (2104)	\$369,564
Construction contract that will provide new asphalt pavement, replace all curb and gutter, add bike facilities, replace waterline, and some sidewalk replacement. Water & Sewer has budgeted funds for waterline design.						STP Grant	\$1,754,344
Engineered By: Consultant						OPWC Grant	\$800,000
Constructed By: Contract							
Project Type: Repair of Asset							
BROAD STREET PHASE 2 (DAYTON - PIERCE)	\$420,000	\$380,000		\$2,500,000		Street Levy (2104)	\$420,000
Design services to add and widen sidewalks, install new curb, asphalt resurfacing, restripe to 3 vehicle lanes and bike lanes, and add decorative elements such as street trees, street lighting and planters.						Street Levy (2104)	\$380,000
Engineered By: Consultant						Street Levy (2104)	\$900,000
Constructed By: Contract						TA Grant	\$350,000
Project Type: Repair of Asset						OPWC Grant	\$1,000,000
						ODOT Urban Paving	\$250,000

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Project Name and Description	Estimated Total Cost					Funding Sources	Funding Sources Amount
	2020	2021	2022	2023	2024		
DAYTON YELLOW SPRINGS RD CIR (COMMERCE - TREBEIN)			\$950,000			County \$5 License Fee (2104)	\$200,000
Construction contract for pavement repairs, cold in-place recycling of existing asphalt pavement, and replace striping.						OPWC Grant	\$750,000
Engineered By: In-House							
Constructed By: Contract							
Project Type: Replacement of Asset							
C.G. & N. FAIRFIELD IMPROV (PARAMOUNT-E.CORP)			\$330,000		\$1,250,000	Street Levy (2104)	\$330,000
Design services for full depth pavement repairs, resurfacing, new signal poles and signals at North Fairborn Intersection, and adding curb. Includes paving all of North Fairfield Road in Fairborn.						Street Levy (2104)	\$450,000
						OPWC Grant	\$800,000
Engineered By: Consultant							
Constructed By: Contract							
Project Type: Repair of Asset							
XENIA DR CONC. REPAIRS & RESURF (BLANCH-E CORP)				\$650,000		Street Levy (2104)	\$325,000
Construction contract to repair concrete joints and slabs from Blanch to 550' east of the northbound I-675 exit ramp, and mill and resurface the asphalt from there to the east corporation limit.						ODOT Urban Paving	\$325,000
Engineered By: In-House							
Constructed By: Contract							
Project Type: Repair of Asset							
OHIO STREET NEIGHBORHOOD TRAFFIC CHANGES				\$150,000		Street Levy (2104)	\$150,000
Install permanent infrastructure including curb, sidewalk, ADA ramps, embankment, grass and landscaping to prevent excessive cut-through traffic on Greene, Ohio and South Streets at Broad Street.							
Engineered By: Consultant							
Constructed By: Contract							
Project Type: Repair of Asset							

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	2020	2021	2022	2023	2024		
DAYTON YELLOW SPRING ROAD STREETScape				\$150,000	\$600,000	Street Levy (2104)	\$150,000
Possibly widen Dayton-Yellow Springs Road with a turn lane into the school, and install a new multi-use path on the school side and install landscaping along the corridor.						Street Levy (2104)	\$600,000
Engineered By: Consultant							
Constructed By: Contract							
Project Type: New Construction							
BROAD ST ENHANCEMENT (PIERCE TO SANDHILL)				\$750,000		Street Levy (2104)	\$750,000
Design services for milling, pavement repairs, resurfacing, striping, new median islands, new storm sewer and retaining walls.							
Engineered By: Consultant							
Constructed By: Contract							
Project Type: Repair of Asset							

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RECURRING Project Name and Description	Estimated Total Cost					Funding Sources	Funding Sources Amount
	2020	2021	2022	2023	2024		
STREET IMPROVEMENTS	\$0	\$800,000	\$1,000,000	\$800,000	\$1,000,000	Street Levy (2104)	\$3,600,000
Construction of street repairs and preventative maintenance. Streets selected primarily based on a City-wide condition survey and assigned a Pavement Condition Index (PCI Number). Two-thirds of the street levy monies go to local streets and one-third to thoroughfares.							
Engineered By: In-House							
Constructed By: Contract							
Project Type: Annual Maintenance							
CITY SHARE OF SIDEWALK PROGRAM	\$35,000	\$40,000	\$40,000	\$40,000	\$40,000	General Capital Improvement (4301)	\$195,000
Annual rapair/replacement program for curbs, sidewalk and approaches (CSA). City incurs cost for corners of streets and other areas outside of property owners' responsibility.							
Engineered By: In-House							
Constructed By: Contract							
Project Type: Annual Maintenance							
HANDICAP RAMP PROGRAM	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	Municipal \$5 License Fee (2104)	\$300,000
Retrofit and new construction of curb ramps to meet current ADA regulations where required.							
Engineered By: In-House							
Constructed By: Contract							
Project Type: Annual Maintenance							
INSPECTION SERVICES FOR DEVELOPMENT	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	Developer Fee (2104)	\$250,000
Construction inspection for new City infrastructure associated with development. Fees are paid by the developers.							
Engineered By: Not Applicable							
Constructed By: Not Applicable							
Project Type: New Construction							

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RECURRING Project Name and Description	Estimated Total Cost					Funding Sources	Funding Sources Amount
	2020	2021	2022	2023	2024		
OPWC LOAN REPAYMENT - OHIO & WRIGHT	\$11,210	\$11,210	\$11,210	\$11,210	\$11,210	Municipal \$5 License Fee (2104)	\$56,050
30 years of \$11,210 payments to pay back \$336,300 zero interest loan from the Ohio Public Works Commission for the 2016 reconstruction and waterline replacements on ohio street and Wright Avenue.							
Engineered By: Not Applicable							
Constructed By: Not Applicable							
Project Type: New Construction							
OPWC LOAN REPAYMENT - BROAD STREET IMPROVEMENTS		\$13,333	\$13,333	\$13,333	\$13,333	Municipal \$5 License Fee (2104)	\$53,332
30 years of \$13,333 payments to pay back \$400,000 zero interest loan from the Ohio Public Works Commission for the 2019 Broad Street improvement project.							
Engineered By: Not Applicable							
Constructed By: Not Applicable							
Project Type: New Construction							
OPWC LOAN REPAYMENT - CENTRAL RECONSTRUCTION			\$16,667	\$16,667	\$16,667	Municipal \$5 License Fee (2104)	\$50,001
30 years of \$16,667 payments to pay back \$500,000 zero interest loan from the Ohio Public Works Commission for the 2020 Central reconstruction project.							
Engineered By: Not Applicable							
Constructed By: Not Applicable							
Project Type: New Construction							
OPWC LOAN REPAYMENT - YELLOW SPRINGS FAIRFIELD			\$33,333	\$33,333	\$33,333	Municipal \$5 License Fee (2104)	\$99,999
30 years of \$33,333 payments to pay back \$1,000,000 zero interest loan from the Ohio Public Works Commission for the 2020 Central reconstruction project.							
Engineered By: Not Applicable							
Constructed By: Not Applicable							
Project Type: New Construction							