



SECTION 4

2021 PROJECT FUND BALANCE



City of Hilliard, Ohio
Michelle Crandall, City Manager | David Delande, Finance Director
November 23, 2020

2021

Projected Income Tax \$29,050,574

29,050,574

	Capital Fund	Street Imp	TIF	Sewer Cap	Water/Sewer	Storm	St. Const. Maint.		
							Motor Vehicle		
Debt Payments	6,845,980	5,955,980	300,000	300,000	100,000	190,000		6,845,980	
	-	-		-				-	
Safety Bldg Lease	390,000	390,000						390,000	
Cap Lease / Final pymt 2024 - Ballfield Lights	150,000	150,000						150,000	
OPWC - Scioto Darby (20yr) - 2	379,592	379,592						379,592	
Mowing Contract	750,000		750,000					750,000	
Misc. Contracts	30,000		25,000		5,000			30,000	
Street Improvements / Projects	2,685,500		1,100,000				1,585,500	2,685,500	
CIP - Capital Projects	2,325,800	1,475,300	320,000	Round About	-	118,700	411,800	-	2,325,800
CIP - Emergency Projects	290,000	100,000			50,000	90,000	50,000		290,000
			-			-	-		-
Refunds - Capital Fund	160,000	160,000						160,000	
Refunds - Street Improvement Fund	80,000		80,000					80,000	
								-	
Property Insurance	150,000	150,000						150,000	
RITA \$180K	180,000	180,000						180,000	
RITA \$70K	70,000		70,000					70,000	
								-	
Tax Abatements	60,000	40,000	20,000					60,000	
								-	
Personnel	3,306,066				1,431,908	715,954	1,158,204	3,306,066	
Supplies	650,000				97,500	26,000	526,500	650,000	
Services	825,000				115,000	345,000	365,000	825,000	
Travel	6,000				3,000	-	3,000	6,000	
Utilities	105,000				105,000	-		105,000	
								-	
Total Estimated Expense 2021	19,438,938	8,980,872	2,665,000	300,000	155,000	2,151,108	1,548,754	3,638,204	19,438,938

Estimated Revenue 2021

	<u>7,387,644</u>	<u>2,905,057</u>	<u>300,000</u>	<u>210,000</u>	<u>2,050,000</u>	<u>1,250,000</u>	<u>2,515,000</u>	<u>16,617,701</u>
	(1,593,229)	240,057	-	55,000	(101,108)	(298,754)	(1,123,204)	(2,821,237)
Projected Beginning Balance - Jan. 2021	4,000,000	1,500,000	-	60,000	310,000	1,000,000	1,900,000	6,443,752

Projected Balance @ 12/31/2021	2,406,771	1,740,057	-	115,000	208,892	701,246	776,796	3,622,515
Fund	304	206		268	266/267	269	202/203	

General Fund	
Projected Beginning Balance - Jan. 2021	\$ 4,425,000
Capital Projects - Transfer	\$ (1,000,000)
Tax Refund	\$ -
	\$ -
25% - Reserve Fund - Transfer	\$ (140,000)
Projected Balance @ 12/31/2021	\$ 3,285,000



SECTION 5

DEBT OVERVIEW

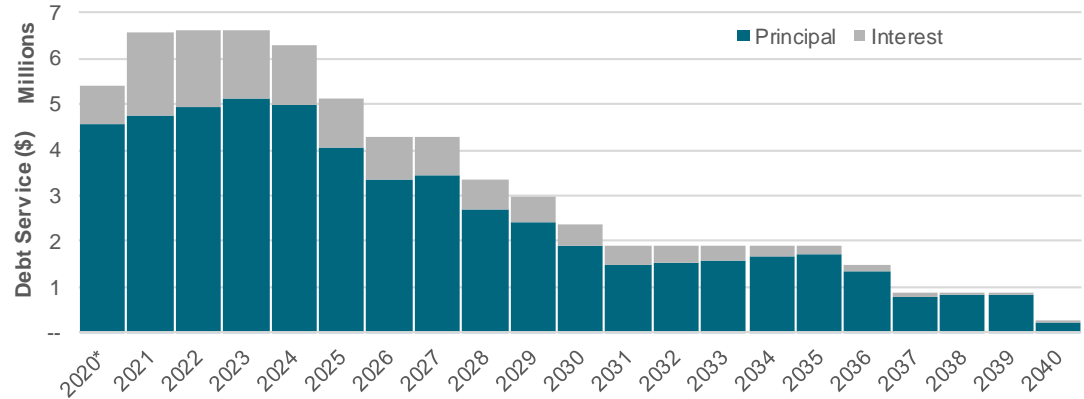


City of Hilliard, Ohio
Michelle Crandall, City Manager | David Delande, Finance Director
November 23, 2020

Outstanding Debt Profile

City Debt Service – Table and Chart

Annual Debt Service - Outstanding LTGO Bonds			
Year	Principal	Interest	DS
2020*	4,540,000	864,353	5,404,353
2021	4,730,000	1,849,683	6,579,683
2022	4,925,000	1,665,119	6,590,119
2023	5,115,000	1,492,669	6,607,669
2024	4,985,000	1,289,044	6,274,044
2025	4,030,000	1,100,738	5,130,738
2026	3,330,000	932,738	4,262,738
2027	3,460,000	801,238	4,261,238
2028	2,685,000	664,488	3,349,488
2029	2,425,000	567,488	2,992,488
2030	1,885,000	481,138	2,366,138
2031	1,495,000	416,638	1,911,638
2032	1,545,000	363,488	1,908,488
2033	1,595,000	308,538	1,903,538
2034	1,655,000	251,738	1,906,738
2035	1,710,000	192,788	1,902,788
2036	1,365,000	131,013	1,496,013
2037	795,000	83,250	878,250
2038	815,000	58,538	873,538
2039	840,000	33,188	873,188
2040	235,000	7,050	242,050
Total	54,160,000	13,554,917	67,714,917



Ten-Mill Limitation & Debt Summary Statistics

Mills Available**	2.70087 mills
Annual \$ Generated***	\$2,910,863
Add'l Debt Available****	\$43,270,000
Total Principal	\$54,160,000
Total Interest	\$13,554,917
Total Debt Service	\$67,714,917
Average Annual DS	\$3,224,520
Weighted Avg. Maturity	6.54 years



* Only Includes the December 1, 2020 Principal and Interest Payment

** According to the Ohio Municipal Advisory Council

*** AV Provided by the Franklin County Auditor – Collection Year 2020 Assessed Valuation of \$1,077,750,470

**** Assumes 20-year Transaction; Assumes 3% Interest Rate

2021 Outstanding Debt

Dated Date	Description	Debt		Interest	Total
		Outstanding	Principal		
		-	-	-	-
May 5, 2011	Various Purpose Bonds, Series 2011	-	-	-	-
June 28, 2012	Various Purpose Bonds, Series 2012	4,785,000.00	1,005,000.00	218,700.00	1,223,700.00
April 30, 2013	Refunding Bonds, Series 2013	4,105,000.00	880,000.00	105,831.26	985,831.26
April 28, 2014	Refunding Bonds, Series 2014	3,570,000.00	460,000.00	128,550.00	588,550.00
April 23, 2015	Various Purpose Bonds, Series 2015	7,380,000.00	240,000.00	295,200.00	535,200.00
April 21, 2016	Refunding Bonds, Series 2016	6,105,000.00	1,030,000.00	244,200.00	1,274,200.00
April 21, 2016	Various Purpose Bonds, Series 2016B	3,290,000.00	150,000.00	131,600.00	281,600.00
April 5, 2017	Various Purpose Notes, Series 2017	3,925,000.00	180,000.00	155,200.00	335,200.00
May 9, 2019	Various Purpose Bonds, Series 2019	8,855,000.00	315,000.00	299,400.00	614,400.00
October 28, 2020	Various Purpose Bonds, Series 2020	7,605,000.00	470,000.00	249,063.75	719,063.75
	Ohio Public Works Commission	1,965,904.56	109,216.92	-	109,216.92
	Ohio Public Works Commission	5,407,500.00	270,375.00	-	270,375.00
	Fiber Loan	1,250,000.00			-
December 13, 2019	Franklin County Infrastructure Bank	1,186,548.59	128,908.54	24,244.28	153,152.82
August 25, 2005	Ohio Water Development Authority	122,623.52	122,623.52	12,458.76	135,082.28
		<u>59,552,576.67</u>	<u>5,361,123.98</u>	<u>1,864,448.05</u>	<u>7,225,572.03</u>



SECTION 6 LEGISLATION



City of Hilliard, Ohio
Michelle Crandall, City Manager | David Delande, Finance Director
November 23, 2020



Ordinance: 20-27

Adopted:

Page 1 of 2

Effective:

APPROVING THE 2021 CAPITAL IMPROVEMENT BUDGET AND APPROPRIATING FUNDS FOR THE CAPITAL IMPROVEMENT EXPENSES OF THE CITY FOR THE PERIOD ENDING DECEMBER 31, 2021.

WHEREAS, Section 6.09 of the Hilliard City Charter allows for the process of approval of the capital improvement budget to be developed and passed as City Council may establish by ordinance; and

WHEREAS, the City Manager has submitted the 2021 Capital Improvement Budget to City Council; and

WHEREAS, having reviewed the 2021 Capital Improvement Budget, City Council is prepared to proceed with authorizing the 2021 Capital Improvement Expenses as identified in Exhibit "A" attached hereto and incorporated herein.

NOW, THEREFORE, BE IT ORDAINED by the Council of the City of Hilliard, Ohio, that:

SECTION 1. To provide for the current capital improvement expenses and other expenditures of the City of Hilliard for the fiscal year ending December 31, 2021, the sums indicated in the **attached Exhibit "A"** are hereby set aside and appropriated as set forth therein.

SECTION 2. This Ordinance shall be in full force and effect at the earliest time provided by law.

ATTEST:

SIGNED:

Diane C. Werbrich, MMC
Clerk of Council

Andy Teater
President of Council

APPROVED AS TO FORM:

Philip K. Hartmann
Director of Law

✓ Vote Record - Ordinance 20-27							
<input type="checkbox"/> Adopted <input type="checkbox"/> Adopted as Amended <input type="checkbox"/> Passed <input type="checkbox"/> Defeated <input type="checkbox"/> Tabled <input type="checkbox"/> Held Over <input type="checkbox"/> Referred <input type="checkbox"/> Withdrawn <input type="checkbox"/> First Reading <input type="checkbox"/> Positive Recommendation <input type="checkbox"/> No Recommendation			Yes/Aye	No/Nay	Abstain	Absent	
	Kelly McGivern			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Tom Baker			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Les Carrier			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATE OF THE CLERK

I, Diane C. Werbrich, Clerk of Council for the City of Hilliard, Ohio, do hereby certify that the foregoing Ordinance is a true and correct copy of Ordinance No. **20-27** passed by the Hilliard City Council on the 9th day of November 2020.

IN TESTIMONY WHEREOF, witness my hand and official seal this 9th day of November 2020.

 Diane C. Werbrich, MMC

Ordinance 20-27
Exhibit A

City of Hilliard
2021 Capital Appropriations

Fund	Object	Appropriation
304	53/55 Administration and Planning	350,000
304	53/55 Equipment	328,000
304	53/55 IT	699,100
202/203	53/55 IT	90,500
304	53/55 Recreation and Parks-Facilities	452,047
304	53/55 Recreation and Parks-Equipment	95,000
202/203	53/55 Street and Public lands Tree Program	100,000
304	53/55 Facilities	110,000
304	53/55 I-270 Fence & LA Enhancements	435,000
304	53/55 Safety	67,200
267/268	53/55 Sanitary	118,700
269	53/55 Sanitary	145,000
304	53/55 Sanitary	3,553,600
269	53/55 Storm Water Projects	266,800
304	53/55 Cosgray Rd Improvements	45,000
202/203/206	53/55 Citywide Street Rehabilitation& ROW Mgmt Program	1,600,000
202/203	53/55 Citywide Alley Rehabilitation/Reconstruction Program	100,000
202/203	53/55 Citywide Safety and Capacity Improvements	85,000
202/203	53/55 Pedestrian/Bicycle Mobility/Safety	540,000
206	53/55 Roundabout Modifications	820,000
202/203	53/55 Various Hilliard Street Improvements	1,094,500
202/203	53/55 Hilliard Traffic Management Center & Smart Tech. Improvements	45,000
		\$ 11,140,447
	Summary	
	Administration and Planning	350,000
	Transportation	\$ 4,329,500
	Facilities	1,192,047
	Storm Water / Sanitary / Water	4,084,100
	IT / Equipment / Safety	1,184,800
		\$ 11,140,447



SECTION 7

2021 - 2025 CAPITAL IMPROVEMENT PROGRAM



City of Hilliard, Ohio
Michelle Crandall, City Manager | David Delande, Finance Director
November 23, 2020

2021 - 2025 Capital Improvement Plan

CIP #	Project	2021 Capital Budget	2022	2023	2024	2025
AP-3	Master Plan Update	\$ 350,000	\$ 150,000	\$ -	\$ -	\$ -
	Total Administration and Planning	\$ 350,000	\$ 150,000	\$ -	\$ -	\$ -
F-1	Heavy Equipment	\$ 8,000	\$ 410,000	\$ 150,000	\$ 200,000	\$ 150,000
F-2	Light Equipment	\$ -	\$ 215,000	\$ 135,000	\$ 140,000	\$ 145,000
F-3	Large Trucks	\$ -	\$ 205,000	\$ 210,000	\$ 220,000	\$ 230,000
F-4	Light Trucks & Pickups	\$ 80,000	\$ 170,000	\$ 180,000	\$ 190,000	\$ 200,000
F-5	Vehicles	\$ -	\$ 32,000	\$ 35,000	\$ 38,000	\$ 40,000
F-6	Police Cruisers and Safety Vehicles	\$ 240,000	\$ 275,000	\$ 288,800	\$ 803,300	\$ 318,600
F-7	Grounds Maintenance Equipment	\$ -	\$ 50,000	\$ 22,000	\$ 25,000	\$ 30,000
F-8	Emergency Operations Plan Equipment	\$ -	\$ 22,000	\$ 23,100	\$ 24,300	\$ 25,600
	Total Equipment	\$ 328,000	\$ 1,379,000	\$ 1,043,900	\$ 1,640,600	\$ 1,139,200
IT-1	City Network	\$ 68,000	\$ 30,500	\$ 31,750	\$ 38,275	\$ 41,603
IT-2	Desktop / Laptop Computers for Network	\$ 33,000	\$ 36,300	\$ 39,930	\$ 43,923	\$ 48,315
IT-9	Hilliard Police Department - Information Technology	\$ 143,520	\$ 500,000	\$ 110,000	\$ 121,000	\$ 133,100
IT-10	City Wide Camera / Wi-Fi Project	\$ 55,000	\$ 60,500	\$ 66,550	\$ 73,205	\$ 80,526
IT-11	City Wide Fiber Project	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
IT-12	Traffic Signal	\$ 25,000	\$ 27,500	\$ 30,250	\$ 33,275	\$ 36,603
IT-13	Fleet Management	\$ 65,500	\$ 58,000	\$ 9,600	\$ 10,560	\$ 11,616
IT-15	Engineering / Streets	\$ -	\$ 300,000	\$ 75,000	\$ 82,500	\$ 90,750
IT-16	City Administration	\$ 100,000	\$ 65,000	\$ 19,500	\$ 21,450	\$ 23,595
IT-17	Miscellaneous	\$ 99,600	\$ 30,500	\$ 33,550	\$ 36,905	\$ 40,596
	Total Information Technology	\$ 789,620	\$ 1,308,300	\$ 616,130	\$ 661,093	\$ 706,703
LB-3	Various City Wide Heating, Ventilation, Air Conditioning & Mechanical	\$ 25,000	\$ 37,000	\$ 40,000	\$ 50,000	\$ 60,000
LB-4	Various Plumbing / Electrical Improvements	\$ 30,000	\$ 42,000	\$ 48,000	\$ 55,000	\$ 60,000
LB-5	Miscellaneous P/R Improvements	\$ 150,047	\$ 581,100	\$ 473,875	\$ 497,700	\$ 522,600
LB-6	Roof Replacements	\$ 30,000	\$ 50,000	\$ 60,000	\$ 68,000	\$ 75,000
LB-7	I-270 Fence & Landscape Improvements	\$ 435,000	\$ -	\$ -	\$ -	\$ -
LB-8	Demolition Projects	\$ 5,000	\$ 60,000	\$ 65,000	\$ 70,000	\$ 80,000
LB-9	Recreation and Parks Misc-Facilities	\$ 35,000	\$ 55,000	\$ 35,000	\$ 35,000	\$ 35,000
LB-11	Recreation and Parks Misc-Equipment	\$ 95,000	\$ 240,000	\$ 95,000	\$ 190,000	\$ 95,000
LB-12	Public Facility Parking Lot & Path Improvements	\$ 10,000	\$ 510,000	\$ 315,000	\$ 325,000	\$ 340,000
LB-13	Operations Service Center	\$ -	\$ 250,000	\$ 1,000,000	\$ 175,000	\$ 200,000
LB-14	Hilliard Swimming Pools	\$ 25,000	\$ -	\$ -	\$ -	\$ -
LB-17	New Parks - FRP, HSP & Center St. Parking Lot, Public Space, Trailhead Imp.	\$ 200,000	\$ 20,000	\$ 30,000	\$ 150,000	\$ -
LB-18	Public Land Acquisition	\$ -	\$ 350,000	\$ -	\$ -	\$ -
LB-20	Street and Public Lands Tree Program	\$ 100,000	\$ 210,000	\$ 220,000	\$ 230,000	\$ 240,000
LB-25	Environmental Sustainability Commission Projects	\$ -	\$ 148,300	\$ 161,100	\$ 170,600	\$ 179,200
LB-26	Office Renovations	\$ 20,000	\$ 22,000	\$ 24,000	\$ 30,000	\$ 40,000
LB-28	Street Banner & Park Sign Program	\$ 32,000	\$ 107,400	\$ 64,000	\$ 67,200	\$ 70,600
	Total Lands and Buildings	\$ 1,192,047	\$ 2,682,800	\$ 2,630,975	\$ 2,113,500	\$ 1,997,400
SAF-1	Police Vests	\$ 18,200	\$ 20,500	\$ 21,600	\$ 22,700	\$ 23,900
SAF-2	Weapons	\$ 18,000	\$ 18,900	\$ 19,900	\$ 20,900	\$ 22,000
SAF-3	Radar Equipment	\$ -	\$ 2,500	\$ 2,700	\$ 2,900	\$ 3,100
SAF-5	Safety Equipment	\$ 31,000	\$ 32,600	\$ 34,300	\$ 36,100	\$ 38,000
	Total Safety	\$ 67,200	\$ 74,500	\$ 78,500	\$ 82,600	\$ 87,000
S-20	Comp Maint and Operations Plan - EPA Requirement	\$ 145,000	\$ 152,300	\$ 160,000	\$ 168,000	\$ 176,400
S-28	Upper Scioto West (Hayden Run) Sub Truck Sanitary Sewer includes Grener	\$ 3,553,600	\$ -	\$ -	\$ -	\$ -
S-31	Lift Station Rehab & Replacement Program	\$ -	\$ 649,750	\$ 680,800	\$ 713,400	\$ 747,400
S-32D	Big Darby Lift Stations and Force Main	\$ -	\$ 249,300	\$ 1,540,000	\$ 216,600	\$ 1,667,100
S-33	Sanitary Sewer Cleaning & CCTV & Rehabilitation Program	\$ -	\$ 187,500	\$ 196,500	\$ 205,900	\$ 215,800
S-37	Sanitary Sewer Lining Program	\$ -	\$ 187,500	\$ 197,000	\$ 206,900	\$ 217,200
S-43	Sanitary Truck Sewer Maintenance	\$ -	\$ 185,900	\$ 196,100	\$ 205,900	\$ 215,900
S-44	Sanitary Sewer Backflow Prevention Program	\$ 118,700	\$ -	\$ -	\$ -	\$ -
	Total Sanitary	\$ 3,817,300	\$ 1,612,250	\$ 2,970,400	\$ 1,716,700	\$ 3,239,800
ST-27	Detention & Retention Basin Rehab Program	\$ -	\$ 254,000	\$ 266,700	\$ 280,100	\$ 294,200
ST-32	Storm Water Mgmt - EPA/NPDES	\$ 105,000	\$ 110,300	\$ 115,900	\$ 121,700	\$ 127,800
ST-34	Hilliard Storm Water Utility Plan	\$ -	\$ 10,500	\$ -	\$ 11,600	\$ -
ST-38	Stream Restorations and Water Quality Improvements	\$ 15,000	\$ 135,000	\$ 1,008,000	\$ -	\$ -
ST-42	Joint Storm Water Quality & Erosion Control Projects	\$ 111,800	\$ 117,400	\$ 123,400	\$ 129,600	\$ 136,100
ST-43	Leap Rd Storm Sewer Improvements	\$ -	\$ 185,900	\$ -	\$ -	\$ -
ST-44	Grener Sports Complex Storm Sewer	\$ 35,000	\$ 358,000	\$ -	\$ -	\$ -
	Total Storm Water Mgmt - EPA/NPDES	\$ 266,800	\$ 1,171,100	\$ 1,514,000	\$ 543,000	\$ 558,100

CIP #	Project	2021 Capital Budget	2022	2023	2024	2025
T-76	Scioto Darby Rd/Walcutt Rd Intersection	\$ -	\$ 55,000	\$ -	\$ -	\$ -
T-84	Cosgray Road Improvements (Scioto Darby - Baldwin)	\$ 45,000	\$ 2,960,000	\$ 500,000	\$ 1,810,000	\$ -
T-121	Citywide Street Rehabilitation & ROW Mgmt Program	\$ 1,600,000	\$ 1,700,000	\$ 1,800,000	\$ 1,900,000	\$ 2,000,000
T-122	CityWide Alley Rehabilitation & Reconstruction Program	\$ 100,000	\$ 105,000	\$ 115,000	\$ 125,000	\$ 135,000
T-124	Citywide Safety and Capacity Improvements	\$ 85,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
T-133	Pedestrian/Bicycle Mobility/Safety Improvements	\$ 540,000	\$ 460,000	\$ 460,000	\$ 460,000	\$ 460,000
T-134	Heritage Trail Extension (Ph 1 & Ph 2)	\$ -	\$ 190,000	\$ 1,595,000	\$ 1,170,000	\$ -
T-137	Wilcox Road/Hayden Run Road Intersection Improvement	\$ -	\$ -	\$ 350,000	\$ 450,000	\$ 3,025,000
T-142	Roundabout Modifications	\$ 820,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
T-144	Cemetery Road Traffic Modeling (Britton - Lyman)	\$ 15,000	\$ 25,000	\$ 145,000	\$ -	\$ -
T-147	Main Street/Hilliard Rome Road Corridor Safety Improvement	\$ 549,500	\$ 100,000	\$ -	\$ -	\$ -
T-148	Heritage Trail Extension (Ph 3)	\$ -	\$ -	\$ 200,000	\$ 450,000	\$ 1,200,000
T-149	Hilliard Traffic Management Center & Smart Technology Imp.	\$ 15,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
T-153	Cemetery Road/I-270 NB Ramp Intersection & Signal Imp.	\$ -	\$ 50,000	\$ -	\$ -	\$ -
T-154	Traffic Signal and Flashing Light Replacement Projects	\$ 15,000	\$ 210,000	\$ 450,000	\$ 210,000	\$ 450,000
T-155	Hayden Run Rd & Britton Parkway Improvement	\$ 200,000	\$ 980,000	\$ -	\$ -	\$ -
T-156	Alton Darby Creek Rd & Roberts Rd Improvement	\$ 300,000	\$ 300,000	\$ -	\$ -	\$ 500,000
T-157	Center Street Modifications	\$ 45,000	\$ 195,000	\$ -	\$ -	\$ -
T-158	Transportation & Mobility Planning	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
T-159	Davidson Road Corridor Improvement (Schirtzinger - Dublin)	\$ -	\$ 75,000	\$ -	\$ -	\$ -
	Total Transportation	\$ 4,329,500	\$ 7,790,000	\$ 6,000,000	\$ 6,960,000	\$ 8,155,000
W-20	Water Tank Painting	\$ -	\$ 341,600	\$ -	\$ -	\$ -
W-48	Cosgray Road 16" Water Main	\$ -	\$ 246,400	\$ -	\$ -	\$ -
W-49	Old Hilliard Water Line Replacement	\$ -	\$ 60,000	\$ 458,000	\$ -	\$ -
	Total Water	\$ -	\$ 648,000	\$ 458,000	\$ -	\$ -
	Totals	\$ 11,140,467	\$ 16,815,950	\$ 15,311,905	\$ 13,717,493	\$ 15,883,203



SECTION 8

2022 - 2025 CAPITAL BUDGET PROJECT DETAIL DESCRIPTIONS



City of Hilliard, Ohio
Michelle Crandall, City Manager | David Delande, Finance Director
November 23, 2020

CAPITAL EQUIPMENT -- CIP F-2
Light Equipment

City staff use light equipment to provide city services. The goal of this capital equipment program is to maintain the city's light equipment in good condition. Light equipment purchases are consistent with the city's fleet and equipment replacement schedule.

2021

No new or replacement equipment proposed for 2021

2022

Replacement Leaf Vacuum Trailer Mounted Replaces Unit #2075
 New Chipper

2023

Replacement Leaf Vacuum Trailer Mounted Replaces TBD

2024

Replacement Leaf Vacuum Trailer Mounted Replaces TBD

2025

Replacement Leaf Vacuum Trailer Mounted Replaces TBD



Figures below are for five-year program

Purchase	\$635,000
Lease	\$0
Total	\$635,000

Companion C.I.P.'s

None

Authorizing Legislation

Annual CIB Ordinance

Department	Service
Fund Name	Capital Imp.
Fund Number	304

Project Origin
2021 CIP/CIB
Priority Level: I

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Purchase	\$0	\$215,000	\$135,000	\$140,000	\$145,000
Lease					
Totals	\$0	\$215,000	\$135,000	\$140,000	\$145,000

CAPITAL EQUIPMENT -- CIP F-3
Large Trucks

City staff use large trucks to provide city services. The goal of this capital equipment program is to maintain the city's fleet of large trucks in good condition. Large trucks serve as primary snow plowing and salting vehicles for winter operations. Large truck purchases are consistent with the city's fleet and equipment replacement schedule.

2021
 No new or replacement trucks proposed for 2021

2022
 Replacement 2 1/2 Ton Single Axle Snow Plow Truck - Replace Units #2072 and #2101

2023
 Replacement 2 1/2 Ton Single Axle Snow Plow Truck - Replace Units #2056 and #2071

2024
 Replacement 2 1/2 Ton Single Axle Snow Plow Truck - Replace Unit #2083

2025
 Replacement 2 1/2 Ton Single Axle Snow Plow Truck - Replace Unit TBD



Figures below are for five-year program

Purchase	\$865,000
Lease	\$0
	\$0
	\$0
	\$0
Total	\$865,000

Companion C.I.P.'s

None

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	Service
Fund Name	M Capital Imp.
Fund Number	304

Project Origin

2021 CIP/CIB
 Priority Level: I

Purchase
 Lease

Fiscal Year =		2021				
	2021	2022	2023	2024	2025	
		\$205,000	\$210,000	\$220,000	\$230,000	
Totals	\$0	\$205,000	\$210,000	\$220,000	\$230,000	

**CAPITAL EQUIPMENT -- CIP F-5
Vehicles**

City staff use vehicles to provide city services. The goal of this capital equipment program is to maintain the city's fleet of vehicles in good condition. Vehicle replacements are made to promote fuel efficiency. Vehicle purchases are consistent with the city's fleet and equipment replacement schedule.

2021

No new or replacement vehicles proposed for 2021

2022

Replacement SUV - Replaces Unit #2061

2023

Replacement SUV - Replaces Unit #2085

2024

Replacement SUV - Replaces TBD

2025

Replacement SUV - Replaces TBD



Figures below are for five-year program
using current year dollars

Purchase	\$145,000
Lease	\$0
	\$0
	\$0
	\$0
Total	\$145,000

Companion C.I.P.'s

None

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	Service
Fund Name	Capital Imp.
Fund Number	304

Project Origin

2021 CIP/CIB
Priority Level: I

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Purchase	\$0	\$32,000	\$35,000	\$38,000	\$40,000
Lease					
Totals	\$0	\$32,000	\$35,000	\$38,000	\$40,000

CAPITAL EQUIPMENT -- CIP F-7
Grounds Maintenance Equipment

City staff use grounds maintenance equipment to provide city services. The goal of this capital equipment program is to maintain the city's grounds maintenance equipment in good condition. All grounds maintenance purchases are consistent with the city's replacement schedule.

2021

No new or replacement equipment proposed for 2021

2022

New Two Gators for Recreation & Parks (\$30K)
 Replacement One Zero Turn Mower to Replace Unit TBD (\$20K)

2023

Replacement One Zero Turn Mowers to Replace Unit TBD

2024

Replacement One Zero Turn Mowers to Replace Unit TBD

2025

Replacement One Zero Turn Mowers to Replace Unit TBD



Figures below are for 5 year program
using current year dollars

Purchase	\$101,000
Lease	\$0
	\$0
	\$0
	\$0
Total	\$101,000

Companion C.I.P.'s
None

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	R&P and Service
Fund Name	P&R
Fund Number	208

Project Origin
2021 CIP/CIB
Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Purchase	\$0	\$50,000	\$22,000	\$25,000	\$30,000
Lease					
Totals	\$0	\$50,000	\$22,000	\$25,000	\$30,000

CAPITAL EQUIPMENT -- CIP F-8
Emergency Operations Plan Equipment

This program is for the purchase of radio equipment for the Public Service and Recreation and Parks Departments. Units will be used by staff to communicate during emergency operations. Encrypted public safety radios are purchased through a state purchasing contract direct from Motorola. These radios are an overall component of the city's disaster preparedness. Interoperability between city departments are crucial during emergencies.

2021

No new or replacement equipment proposed for 2021

2022-25 \$22,000

Replacement schedule 6 per year beginning in 2021 - $\$3,600 \times 6 = \$22,000$.
 Includes annual increases through 2025.



Figures below are for five-year program

Purchase	\$95,000
	\$0
	\$0
	\$0
	\$0
Total	\$95,000

Companion C.I.P.'s

SAF-11

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	Service/Parks
Fund Name	Capital Imp.
Fund Number	304

Project Origin

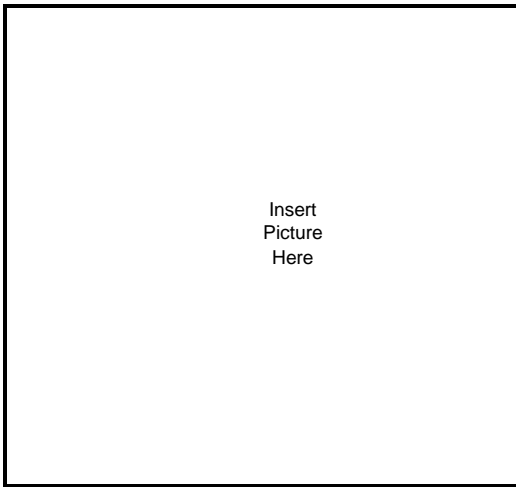
2021 CIP/CIB
Priority Level: II

	Fiscal Year =				
	2021	2022	2023	2024	2025
Purchase	\$0	\$22,000	\$23,100	\$24,300	\$25,600
Totals	\$0	\$22,000	\$23,100	\$24,300	\$25,600

**C.I.P. No. IT-15
ENGINEERING MANAGEMENT**

Technology Category	Summary	Project	Department	Description	2021	2022
Instrumentation	New program that utilizes traffic signal network access point to incorporate sensors for weather monitoring and atmospheric conditions	IT-15	Engineering	Intersection Sensors	\$0.00	\$78,000.00
Instrumentation	New program that replaces end of life plain old telephone lines to monitor the 26 lift stations throughout the City.	IT-15	Engineering	Lift Station Monitoring	\$0.00	\$72,000.00
Instrumentation	New multi year program that adds lighting control of street lights for energy efficiency.	IT-15	Engineering	Street Light Control	\$0.00	\$50,000.00
Instrumentation	New multi year program that adds traffic signal pre-emption for emergency	IT-15	Engineering	Emergency Traffic Control Preemption	\$0.00	\$100,000.00

Location Map
(No Scale)



Intersection Sensors	\$0
Lift Station Monitoring	\$0
Street Light Control	\$0
Emergency Traffic Control Preemption	\$0
	\$0
Total	\$0

Companion C.I.P.'s

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Authorizing Legislation

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Funding Source

Department	
Fund Name	Capital Imp.
Fund Number	

Project Origin

Priority Level I

	Fiscal Year =				
	2021	2022	2023	2024	2025
Intersection Sensors	\$0.00	\$78,000.00	\$20,000.00	\$22,000.00	\$24,200.00
Lift Station Monitoring	\$0.00	\$72,000.00	\$20,000.00	\$22,000.00	\$24,200.00
Street Light Control	\$0.00	\$50,000.00	\$15,000.00	\$16,500.00	\$18,150.00
Emergency Traffic Control Preemption	\$0.00	\$100,000.00	\$20,000.00	\$22,000.00	\$24,200.00
Totals	\$0	\$300,000	\$75,000	\$82,500	\$90,750

**C.I.P. No. LB-13
Operations Service Center**

Improvements to Operations Service Center

2021	No projects proposed for 2021
2022	\$250,000 Continue Service Center Facility and Storage Improvement Plan - \$50K Construction of Fleet Vehicle Dump and Wash Out Pad - \$200K
2023	\$1,000,000 New Pole Barn for Equipment Storage and Shop Space - \$600,000 Covered Material and Rock Salt Storage Building - \$300,000 Construction Admin and Inspection - \$100,000
2024-25	Doors replacements and other facility improvements at Service Center

Location Map
(No Scale)



<u>Figures below are for 5-year program</u>	
Design	\$50,000
Construction	\$1,475,000
HVAC Imp,	\$0
Plumb. & Elec. Imp.	\$0
CA & Inspection	\$100,000
Total	\$1,625,000

<u>Companion C.I.P.'s</u>
None

<u>Authorizing Legislation</u>
Annual CIB Ordinance

Department	Service
Fund Name	Sewer, Water & Cap. Imp.
Fund Number	266, 267 & 304

<u>Project Origin</u>
2021 CIP/CIB Priority Level: I

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design		\$50,000			
Construction		\$200,000	\$900,000	\$175,000	\$200,000
HVAC Imp,					
Plumb. & Elec. Imp.					
CA & Inspection			\$100,000		
Totals	\$0	\$250,000	\$1,000,000	\$175,000	\$200,000

C.I.P. No. LB-18
Public Land Acquisition

This is a Council Initiative Project

This program provides funds for the purchase of public lands for parks, facility and future public needs including transportation projects.

2019 - \$200,000

These funds are to bind an agreement to purchase property in 2020

2020 - \$1,200,000

Norfolk and Southern Railroad portion of future Heritage Rail to Trail - 11 Acres
 Should the purchase of this property result in savings the additional funds appropriated for this land purchase can be transferred to T-134 The Heritage Rail Trail Extension Improvement to finalize design and construction of phase I.

2022 - \$350,000 Anson Drive extension

A companion project (LB-21) will provide for public space and aesthetic improvements including landscaping, large scale aesthetic bridge treatments across Cemetery Road, creation of additional parking & pavilion at City Hall, and a pedestrian connection to Drivemere Rd. Conceptual planning of this improvement began in 2014 as part of T-133. Detailed design commenced in 2015 at 80% complete but can be completed soon if right-of-way becomes available. Construction is planned for future depending land acquisition and adequate funding on funding. The City is working to lease/purchase the land necessary for this improvement from the Norfolk Southern Railway. Portions of the cost from this improvement will be provided through developer parkland "fee in lieu of" contributions (208 Funds) for the Landmark Lofts development. Estimated costs: \$70K for design services, \$1.65M for construction, and \$185K for CA/Insp.

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design	\$0
Construction	\$0
Utilities	\$0
Misc. Improvements	\$0
Land Acquisition	\$350,000
Total	\$350,000

Companion C.I.P.'s
T-134; LB-21

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	405
Fund Name	Capital Improvement
Fund Number	304

Project Origin
2012 CIP/CIB
Priority Level: I

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design	\$0				
Construction					
Utilities					
Misc. Improvements					
Land Acquisition	\$0	\$350,000		\$0	
Totals	\$0	\$350,000	\$0	\$0	\$0

C.I.P. No. LB-25

Environmental Sustainability Commission Projects

City Council Initiative project

2021- \$0

Design for first phase of Heritage Preserve Hilliard Community Garden
Begin upgrade Improvements to Community Gardens at Heritage Preserve

2022- \$148,300

Continue Upgrade Improvements to Community Gardens

2023-2025

Uses program cost of 2021 to provide for ongoing upgrades to Heritage Preserve and other
Community Gardens increased by 5% annually for inflation

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design	\$71,200
Construction	\$539,000
Demolition	\$0
Misc.	\$0
CA & Inspection	\$49,000
Total	\$659,200

Companion C.I.P.'s

None

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	Recreation & Parks
Fund Name	Cap. Imp.
Fund Number	304

Project Origin

NEW PROJECT
2021 CIP/CIB
Priority Level: I

	Fiscal Year =					
	2021	2022	2023	2024	2025	
Design		\$15,800	\$16,600	\$18,900	\$19,900	\$71,200
Construction		\$125,000	\$131,300	\$137,900	\$144,800	\$539,000
Demolition						\$0
Misc.						
CA & Inspection		\$7,500	\$13,200	\$13,800	\$14,500	\$49,000
Totals	\$0	\$148,300	\$161,100	\$170,600	\$179,200	

**C.I.P. No. SAF-3
Radar Equipment**

This program provides for the purchase of replacement radar and lidar equipment for the Division of Police. A total of 28 radar units and 10 lidar units are maintained. The program replaces each unit every ten years. This program also includes field mounted radar display signs for traffic safety initiatives.

FY 2021 - \$0

No radar equipment needed for this cycle

FY 2022-2025 Increase 5% annually for inflation

REP Radar Equipment

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Purchasing costs	\$11,200
Leasing	\$0
0	\$0
0	\$0
0	\$0
Total	\$11,200

Companion C.I.P.'s
None

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	Safety
Fund Name	Cap. Imp.
Fund Number	304

Project Origin
2004 CIP/CIB
Priority Level: I

	Fiscal Year = 2020				
	2021	2022	2023	2024	2025
Purchasing costs	\$0	\$2,500	\$2,700	\$2,900	\$3,100
Leasing					
Totals	\$0	\$2,500	\$2,700	\$2,900	\$3,100

C.I.P. No. S-31

Lift Station Rehabilitation and Replacement Program

The City of Hilliard has 15 lift/pump stations operating to allow for passage of both storm and sanitary sewer water where a gravity fall sewer is not possible or practical. These lift stations are typically very large, with deep wet wells that periodically require maintenance. The typical life of such stations does not exceed 25 years. Very large pumps, floats, and other mechanical items require maintenance or replacement upon annual inspection. As the stations age, the City anticipates more maintenance and replacement dollars will be necessary to keep the systems in operation.

This sanitary sewer CIP program provides for one lift station rehabilitation per year.

2021 - \$584,000 Carryover funding from 2020
Hayden Run Lift Station reconstruction

2022 - \$519,750 construction cost

2023-2025 - A 5% increase is projected annually

Location Map
(No Scale)



Figures below are for 5 year program
uses current year dollars

Design/Engineering	\$326,700
Right-of-Way	\$0
Utilities	\$0
Construction	\$2,240,450
Contract Admin./Inspection	\$224,200
Total	\$2,791,350

Companion C.I.P.'s
S-20 ; S-28D

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	408
Fund Name	Sewer Revenue
Fund Number	268

Project Origin
2021 CIP/CIB
Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$78,000	\$80,400	\$82,900	\$85,400
Right-of-Way					
Utilities					
Construction		\$519,750	\$545,800	\$573,100	\$601,800
Contract Admin./Inspection		\$52,000	\$54,600	\$57,400	\$60,200
Total	\$0	\$649,750	\$680,800	\$713,400	\$747,400

C.I.P. No. S-32(D)
Big Darby Lift Stations and Force Main

The Big Darby area of Brown Township is the current limits of the Hilliard Contract Service Area. In order to develop this area, three regional lift stations will be required. This program provides for the design and construction of these necessary improvements. These can be paid for with developer contributions, an add on capacity charge, and/or sewer capacity fee increases.

The current plan is now for 3 lift stations with the first built as part of the Heritage Preserve Development in 2014 and the second will be constructed with the Alton Place development in 2021. The third lift station (northernmost) is likely not needed until 2022-23 or after. The need for these lift stations will be driven by development.

Location Map
(No Scale)



Figures below are for 5 year program
uses current year dollars

Design/Engineering	\$422,900
Land and Easements	\$57,000
Utilities	\$36,000
Construction	\$2,818,800
Contract Admin./Inspection	\$338,300
Total	\$3,673,000

Companion C.I.P.'s

None

Authorizing Legislation

Annual Appropriation Ordinance

Funding Source

Department	408
Fund Name	Sewer Revenue
Fund Number	268

Project Origin

2021 CIP/CIB
Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$206,300		\$216,600	
Land and Easements		\$27,000			\$30,000
Utilities		\$16,000			\$20,000
Construction			\$1,375,000		\$1,443,800
Contract Admin./Inspection			\$165,000		\$173,300
	\$0	\$249,300	\$1,540,000	\$216,600	\$1,667,100

C.I.P. No. S-33

Annual Sanitary Sewer Cleaning & CCTV & Rehabilitation Program

This program is an annual maintenance program in which a portion of the City's sanitary sewer system will be cleaned and closed-circuit televised. The program has been set up to enable the City's entire sanitary sewer system to be cleaned and televised over a 7-year period. The program will be an on-going annual program, with one 7-year cycle being followed by another. The cost for each annual program takes into account that a portion of the sewers may need heavy cleaning (cleaning in excess of standard, normal cleaning methods). The annual program cost also allows for a fixed number of pipe repairs to be made at specific locations in the sewer as necessary.

With this program the City will identify sanitary sewers that need work beyond minor spot repairs. The program will then design the necessary sanitary sewer lining projects or other rehabilitation of the system as necessary.

2010 & 2011 - \$155,000; 2012 & 2013 - \$160,000;
2016 - \$152,500; 2019 - \$200,000, 2020 -

2021 - \$150,000 construction
Annual Sanitary Sewer Cleaning & CCTV Program

2022-25 a 5% annual inflation cost for future years.

Location Map
(No Scale)



Figures below are for 5 year program
uses current year dollars

Design/Engineering	\$94,300
Right-of-Way	\$0
Utilities	\$0
Construction	\$646,600
Contract Admin./Inspection	\$64,800
Total	\$805,700

Companion C.I.P.'s

S-20; S-37; S-43

Authorizing Legislation

Annual CIP Ordinance

Funding Source

Department	408
Fund Name	Sewer Revenue
Fund Number	268/304

Project Origin

2021 CIP/Cab
Priority Level: II

	Fiscal Year =				
	2021	2022	2023	2024	2025
Design/Engineering		\$22,500	\$23,200	\$23,900	\$24,700
Right-of-Way					
Utilities					
Construction		\$150,000	\$157,500	\$165,400	\$173,700
Contract Admin./Inspection		\$15,000	\$15,800	\$16,600	\$17,400
Total	\$0	\$187,500	\$196,500	\$205,900	\$215,800

C.I.P. No. S-37
Annual Sanitary Sewer Lining Program

This project includes lining of aging, damaged sanitary sewers that have been identified in our annual cleaning & televising program (S-33) as needing repair. The sewers identified for lining contain class 4 & 5 defects on a scale of 1-5, with 5 being the most severe. Sanitary sewer lining is a less intrusive and often less expensive alternative to excavating and replacing the existing sewer. Lining not only structurally rehabilitates the sewer, but it also abates any clean water inflow and infiltration currently entering the sanitary sewer through the pipe joints.

2020 - 30-inch sewer trunk under Hilliard Rome Road near Richlanne Drive

2021 - \$0

Potential projects include:
 - 10-inch sewer trunk along east side of Norwich Street

2022 - \$150,000 construction

2023-2025 A 5% increase is projected annually

Location Map
(No Scale)



Figures below are for 5 year program
uses current year dollars

Design/Engineering	\$97,200
Right-of-Way	\$0
Utilities	\$0
Construction	\$646,600
Contract Admin./Inspection	\$64,800
Total	\$808,600

Companion C.I.P.'s
 S-20; S-33

Authorizing Legislation
 Annual CIP Ordinance

Funding Source

Department	408
Fund Name	Sewer Revenue
Fund Number	268

Project Origin
 2004 CIP/CIB
 Priority Level: II

	Fiscal Year =				
	2021	2022	2023	2024	2025
Design/Engineering		\$22,500	\$23,700	\$24,900	\$26,100
Right-of-Way					
Utilities					
Construction		\$150,000	\$157,500	\$165,400	\$173,700
Contract Admin./Inspection		\$15,000	\$15,800	\$16,600	\$17,400
Total	\$0	\$187,500	\$197,000	\$206,900	\$217,200

C.I.P. No. S-43
Sanitary Trunk Sewer Maintenance

The City has five (5) sanitary sewer trunks that carry sewerage from Hilliard to the City of Columbus collection system. Operation and maintenance of these five trunk sewers is essential to provide the residents of Hilliard safe and adequate sanitary sewer service. Some of these trunk sewers are aging vitrified clay or concrete sewers located in remote areas with overgrown brush and trees. These sewers are prone to root intrusion and potential blockage unless they are either lined or periodically maintained.

2021 - \$0

2022 - \$157,500 construction cost
 Inspection, cleaning, and possible lining of Northeast Sanitary Trunk Sewer (4,200' of 18-in diameter sewer).

2023 & 2024 - A 5% increase is projected annually
 Inspection and cleaning of Davidson Run Sanitary Trunk Sewer (5,500' of 21-in diameter sewer, 1,500' of 18-in diameter sewer).

2025 - A 5% increase is projected annually
 Inspection, cleaning, and possible lining of Hilliard Outfall Sewer

Location Map
(No Scale)



Figures below are for 5 year program
uses current year dollars

Design/Engineering	\$70,400
Right-of-Way	\$0
Utilities	\$0
Construction	\$679,000
Contract Admin./Inspection	\$54,400
Total	\$803,800

Companion C.I.P.'s

S-20

Authorizing Legislation

Annual Appropriation Ordinance

Funding Source

Department	408
Fund Name	Sewer Revenue
Fund Number	268

Project Origin

2021 CIP/CIB
Priority Level: II

	Fiscal Year =				
	2021	2022	2023	2024	2025
Design/Engineering		\$15,800	\$17,400	\$18,300	\$18,900
Right-of-Way					
Utilities					
Construction		\$157,500	\$165,400	\$173,700	\$182,400
Contract Admin./Inspection		\$12,600	\$13,300	\$13,900	\$14,600
Total	\$0	\$185,900	\$196,100	\$205,900	\$215,900

C.I.P. No. ST-27

Detention & Retention Basin Rehabilitation Program

This project improves and rehabilitates detention and retention basins that the City is responsible for maintaining.

2021 - No projects for 2021.

Engineering studies will be performed at several ponds to develop future sediment removal and/or rehabilitation projects.

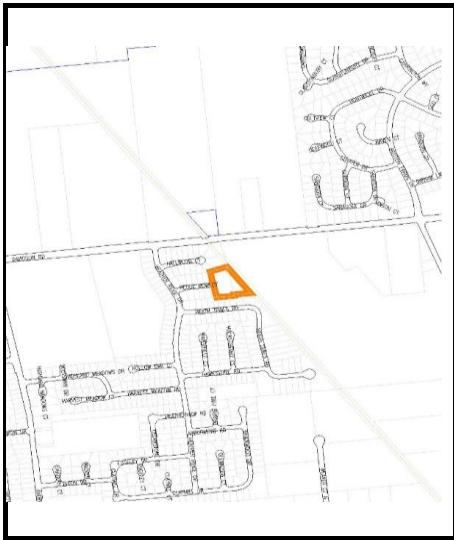
2022 - \$254,000

Pond rehabilitation project at Darby Pond based on findings of pond sediment study. The 2022 program also includes pond fountain upgrades as well as pond maintenance and treatments as needed.

2023-25

Funding provided as part of a Storm Water Utility program will be used for engineering and reconstruction of the other basins identified as part of the City's Comprehensive Utility Maintenance and Operation Management Plan.

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design/Engineering	\$129,400
Right-of-Way or Easements	\$0
Utilities	\$0
Construction	\$862,100
Contract Admin./Inspection	\$103,500
Total	\$1,095,000

Companion C.I.P.'s

S-20

Authorizing Legislation

Annual Appropriation Ordinance

Funding Source

Department	532
Fund Name	SWU
Fund Number	269

Project Origin

2021 CIP/CIB
Priority Level: I

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$30,000	\$31,500	\$33,100	\$34,800
Right-of-Way or Easements					
Utilities					
Construction		\$200,000	\$210,000	\$220,500	\$231,600
Contract Admin./Inspection		\$24,000	\$25,200	\$26,500	\$27,800

**C.I.P. No. ST-34
Hilliard Storm Water Utility Plan**

The City of Hilliard initiated a storm water utility in 2009 to provide for dedicated revenues for Storm Water Facilities. Under new regulations for Water Quantity and Quality Management it is necessary to provide monies for more and more storm sewer projects.

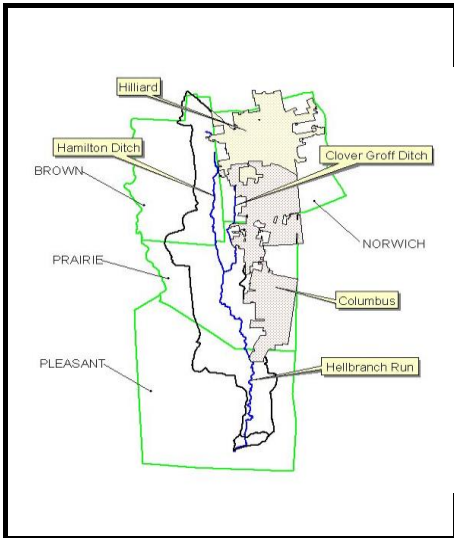
Now implemented utility provides dedicated funding for storm water projects. Includes local contribution for grant programs such as Ohio Clean Water Funds etc.

ORDINANCE No. 09-63, Passed 12/21/2009, Effective 1/21/2010
CREATED HILLIARD'S STORMWATER MANAGEMENT UTILITY;

Amended by:
RESOLUTION 10-14, Passed 3/22/2010, Effective 3/22/2010
AMENDMENT CHAPTER 951 "STORMWATER MANAGEMENT CODE" OF THE CITY'S CODIFIED ORDINANCES.

Provides for updates to the plan beginning in 2022 with a base budget amount of \$10,300 with a 5 percent annual increase.

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design/Engineering	\$22,100
Right-of-Way or Easements	\$0
Utilities	\$0
Construction	\$0
Contract Admin./Inspection	\$0
Total	\$22,100

Companion C.I.P.'s
None

Authorizing Legislation
Annual Appropriation Ordinance

Funding Source

Department	532
Fund Name	SWU
Fund Number	269

Project Origin
2021 CIP/CIB
Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$10,500		\$11,600	
Right-of-Way or Easements					
Utilities					
Construction					
Contract Admin./Inspection					

C.I.P. No. ST-43

Leap Road Storm Sewer Improvements

This project provides storm sewer improvements to Leap Road between Midlane Drive and Point Pleasant Drive. Storm water drainage is poor along the eastern side of Leap Road between these intersections. The roadway pavement is higher than the adjacent properties on the eastern side of the street, and storm water runoff from the Leap Road pavement pools in the properties front yards and on the sidewalk.

Phase 1 of this project constructed storm sewer improvements at the northeastern corner of the Leap Road/Edgewyn Avenue intersection in 2020. Subsequent phases of this project will construct new storm sewers and associated drainage improvements for properties between Edgewyn Avenue and Point Pleasant Drive. These improvements could consist of new storm sewers, a new sidewalk, and grading improvements, with the goal being to eliminate ponding storm water runoff within the sidewalks. This project will consist of 3 phases and be completed over 3 years.

2021 - \$0

2022 - \$165,900 construction cost

Location Map
(No Scale)



Figures below are for 5 year program
using current year dollars

Design/Engineering	\$0
Right-of-Way or Easements	\$0
Utilities	\$0
Construction	\$165,900
Contract Admin./Inspection	\$20,000
Total	\$185,900

Companion C.I.P.'s

S-20

Authorizing Legislation

Annual CIP/CIB Ordinance

Funding Source

Department	PSD
Fund Name	SWU
Fund Number	269

Project Origin

2021 CIP

Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering					
Right-of-Way or Easements					
Utilities					
Construction		\$165,900			
Contract Admin./Inspection		\$20,000			
Total	\$0	\$185,900	\$0	\$0	\$0

C.I.P. No. T-134

Heritage Rail Trail Extension (Ph 1 & Ph 2) & Improvements

Project Background: This project provides for the extension of the Heritage Trail within the retired railroad corridor owned by Norfolk Southern Railroad from Columbia Street in Old Hilliard to Hilliard City Hall (Phase 1) and from Hilliard City Hall to the Scioto Darby Road/Leap Road/Darby Glen Blvd intersection (Phase 2). Design of Phase 1 was put on hold in 2016 because of the City's inability to acquire the land from Norfolk Southern. In 2018-19, the City authorized an appraisal of the land to facilitate the acquisition. Presently, no agreement to purchase the land has been negotiated.

Project Need: Pedestrian/bicycle mobility & safety, quality of life, parks/open space.

Project Scope: If the City of Hilliard is able to acquire the land in 2021, design activities can continue in 2022 to allow for construction of Phase 1 in 2023 and Phase 2 on 2024.

Budget & Funding: Good candidate project for Clean Ohio Trails Fund (grant opportunity through Ohio Department of Natural Resources). Project budget established below. **Note: No funding included for land acquisition.**

Location Map
(No Scale)



Figures below are for 5 year program using current dollars

Design/Engineering	\$470,000
Right-of-Way	\$0
Utilities	\$40,000
Construction	\$2,125,000
Contract Admin./Inspection	\$320,000
Total	\$2,955,000

Companion C.I.P.'s

T-133, LB-18; LB-21, T-148

Authorizing Legislation

Annual CIP/CIB Legislation

Funding Source

Department	408
Fund Name	Parkland
Fund Number	208

Project Origin

2014
Priority Level: 1

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$150,000	\$300,000	\$20,000	
RoW					
Utilities		\$40,000			
Construction			\$1,125,000	\$1,000,000	
CA/Insp.			\$170,000	\$150,000	\$0
Totals	\$0	\$190,000	\$1,595,000	\$1,170,000	\$0

C.I.P. No. T-137

Wilcox Road/Hayden Run Road Intersection Improvement

Project Background: This intersection was identified in the Hilliard Comprehensive Plan to be improved to address capacity and safety issues. The horizontal alignment, topography, and lack of turn lanes to handle turning traffic has resulted in the need for the improvement. A 2019 safety study showed a high number of injury crashes (the intersection had been one of the top 5 high frequency crash intersections in Hilliard); however, since the completion of Riggins Road/Hayden Run Blvd, the number and severity of crashes as decreased. Therefore, this project has been shifted to a Priority 3.

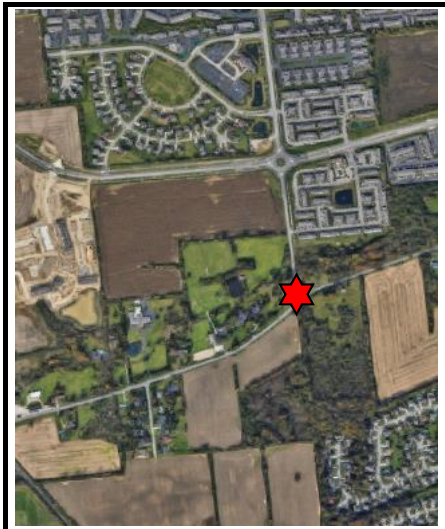
Project Need: Safety

Project Scope: Feasibility study will refine scope. Likely single lane roundabout with street lighting, stormwater management, landscaping & trail extensions. Due to proximity of project to the Hayden Run stream corridor, a higher level of environmental documentation may be required.

Approximate Schedule: Feasibility study, public involvement, and preliminary design in 2023; detailed design & ROW in 2024; Utility relocation & construction in 2025.

Budget & Funding: Preliminary budget presented below. Potential candidate project for Highway Safety Improvement Program.

Location Map
(No Scale)



<u>Figures below are for 5 year program</u> using current dollars	
Design/Engineering	\$600,000
Right-of-Way	\$250,000
Utilities	\$100,000
Construction	\$2,500,000
Contract Admin./Inspection	\$375,000
Total	\$3,825,000

Companion C.I.P.'s
T-124

Authorizing Legislation
Annual Authorizing Legislation

<u>Funding Source</u>	
Department	408
Fund Name	Cap. Imp.
Fund Number	304

<u>Project Origin</u>	
	2017 CIP/CIB
	Priority Level: 3

	Fiscal Year =					2021
	2021	2022	2023	2024	2025	
Design/Engineering			\$350,000	\$200,000	\$50,000	
Right-of-Way				\$250,000		
Utilities					\$100,000	
Construction					\$2,500,000	
Contract Admin./Inspection					\$375,000	
Totals	\$0	\$0	\$350,000	\$450,000	\$3,025,000	

C.I.P. No. T-148
Heritage Trail Extension (Phase 3)

Project Background: In 2017, the City of Hilliard, in partnership with Columbus Recreation & Parks Department, completed a feasibility study to extend the Heritage Trail from the Scioto Darby/Leap/Darby Glen intersection to the Scioto Trail terminus at the intersection of Dublin Road & 5th Avenue in Columbus. Various alternatives were explored. Since the completion of the study, Metro Parks has moved forward in the development of Quarry Trails Metro Park, Columbus is working to extend the Scioto Trail north to the Metro Park, and Upper Arlington is working to extend trail from east of the Scioto River to the Metro Park. If the City of Hilliard can acquire the land from Norfolk Southern to complete Phase 1 & Phase 2 of the Heritage Trail (CIP T-134), this Phase 3 extension will become critical in the completion of this Central Ohio Greenways regional trail.

Project Need: Pedestrian/bicycle mobility & safety, quality of life, parks/open space.

Project Scope: Extension of the Heritage Trail to the southeast from the intersection of Leap/Scioto Darby/Darby Glen to the Quarry Trail Metro Park & the Scioto Trail. This would be a multi-jurisdictional project with Columbus. If Columbus is unwilling to participate in this project, it will be deferred as it likely requires acquisition of land & construction outside Hilliard limits.

Budget & Funding: Metro Parks requested funding through 2020 State Capital Budget on behalf of Hilliard, Columbus & Metro Parks. Good candidate project for Clean Ohio Trails Fund (grant opportunity through Ohio Department of Natural Resources). Project budget for the portion within Hilliard jurisdiction (west of I-270) is established below.

Funding: Location Map
(No Scale)



Figures below are for 5 year program
using current dollars

Design/Engineering	\$400,000
Right-of-Way	\$250,000
Utilities	\$50,000
Construction	\$1,000,000
Contract Admin./Inspection	\$150,000
Total	\$1,850,000

Companion C.I.P.'s
T-133, T-134

Authorizing Legislation
Annual Authorizing Legislation

Funding Source

Department	
Fund Name	
Fund Number	

Project Origin
2020 CIP
Priority Level: 2

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering			\$200,000	\$200,000	
Right-of-Way				\$250,000	
Utilities					\$50,000
Construction					\$1,000,000
Contract Admin./Inspection					\$150,000
Totals	\$0	\$0	\$200,000	\$450,000	\$1,200,000

C.I.P. No. T-153

Cemetery Road/I-270 NB Ramp Intersection & Signal Improvement

Project Background: In 2004, the northbound I-270 exit ramp at Cemetery Road to eastbound Fishinger Boulevard was realigned and signalized in conjunction with the construction of Trueman Boulevard. At the time, the Ohio Department of Transportation would not allow lengthening of the eastbound left turn lane due to potential to add more traffic to the already over-capacity I-270 mainline. In 2019, ODOT completed the widening of I-270, making an improvement to the eastbound left turn lane feasible. In 2020, ODOT, in partnership with the City of Hilliard, applied for a received a federal safety grant to improve this intersection. Environmental and design will occur in SFY 2021, and construction is programmed for SFY 2022.

Project Need: Capacity & Safety.

Project Scope: Lengthening of the eastbound left turn lane within the median, drainage modifications, and signal improvements. ODOT is the lead agency on this project.

Budget & Funding: \$50,000 is budgeted in 2022 to cover costs required to be paid by the local agency for items not covered by the federal grant.

Location Map
(No Scale)



Figures below are for 5 year program
using current dollars

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$50,000
Contract Admin./Inspection	\$0
Total	\$50,000

Companion C.I.P.'s
None

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	PSD
Fund Name	Capital Imp.
Fund Number	304

Project Origin
2020 CIB/CIP
Priority Level:

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering					
Right-of-Way					
Utilities					
Construction		\$50,000			
Contract Admin./Inspection					

C.I.P. No. T-158 (NEW)
Transportation & Mobility Planning

Project Background: In 2021, the City of Hilliard will commence a comprehensive planning process with community input on a variety of areas, including land use, public spaces, utilities, and transportation. This project provides annual funding to supplement the Comprehensive Plan on matters related to safe, connected, equitable, multi-modal transportation planning. The needs of the community, best practices, safety, and emerging technologies will guide this work. Example plans may include: an update to the Thoroughfare Plan (focusing more heavily on safety and speed management on arterial streets), an Active Transportation Plan, a Vision Zero Safety Plan, a Trail Master Plan, a Neighborhood Traffic Calming Plan/Program, and various corridor plans to improve safety and mobility along our streets, particularly on corridors that serve our older neighborhoods.

Project Need: Safety, Mobility, Equity

Project Scope: Beginning in 2022, efforts will be focused on supplementing any necessary updates to the Transportation portion of the Comprehensive Plan. Work in subsequent years will be guided based on input from the community.

Project Budget & Funding: Presented below. There may be opportunities to apply for grant funding through MORPC for planning initiatives to supplement City funds.

<p align="center"><u>Location Map</u> (No Scale)</p> <div style="border: 1px solid black; height: 200px; width: 100%; display: flex; align-items: center; justify-content: center;"> <p>ANNUAL CITYWIDE PROGRAM</p> </div>	<p align="center"><u>Figures below are for 5 year program</u> using current dollars</p> <table style="width:100%; border-collapse: collapse;"> <tr><td>Design/Engineering</td><td align="right">\$300,000</td></tr> <tr><td>Right-of-Way</td><td align="right">\$0</td></tr> <tr><td>Utilities</td><td align="right">\$0</td></tr> <tr><td>Construction</td><td align="right">\$0</td></tr> <tr><td>Contract Admin./Inspection</td><td align="right">\$0</td></tr> <tr><td>Total</td><td align="right">\$300,000</td></tr> </table>	Design/Engineering	\$300,000	Right-of-Way	\$0	Utilities	\$0	Construction	\$0	Contract Admin./Inspection	\$0	Total	\$300,000
Design/Engineering	\$300,000												
Right-of-Way	\$0												
Utilities	\$0												
Construction	\$0												
Contract Admin./Inspection	\$0												
Total	\$300,000												
<p align="center"><u>Companion C.I.P.'s</u></p> <p align="center">None</p>													
<p align="center"><u>Authorizing Legislation</u></p> <p align="center">Annual Authorizing Legislation</p>													
<p align="center"><u>Funding Source</u></p> <table style="width:100%; border-collapse: collapse;"> <tr><td>Department</td><td></td></tr> <tr><td>Fund Name</td><td></td></tr> <tr><td>Fund Number</td><td></td></tr> </table>	Department		Fund Name		Fund Number		<p align="center"><u>Project Origin</u></p> <p align="center">2021 CIB/CIP Priority Level: I</p>						
Department													
Fund Name													
Fund Number													

	Fiscal Year =					2021				
	2021	2022	2023	2024	2025					
Design/Engineering		\$75,000	\$75,000	\$75,000	\$75,000					
Right-of-Way										
Utilities										
Construction										
Contract Admin./Inspection										

C.I.P. No. T-159 (NEW)


Davidson Road Corridor Improvement (Schirtzinger - Dublin)

Project Background: The City of Hilliard has received complaints from City of Hilliard residents, City of Columbus residents, and Norwich Township residents about vehicle delays and challenges crossing Davidson Road at both Schirtzinger Road and on Coolbrook/Dexter Falls during peak periods. Traffic volumes, vehicle speeds, and the presence of parks on and nearby Davidson Road (Saint Brendan's, Dexter Falls, Clyde R. Seidle pool) prompts a need for a corridor plan to address safety, delays, and pedestrian crossings in a more wholistic way. Improvements could include medians, enhanced pedestrian crossings, sidewalk connections, traffic signals, and/or roundabouts.

Project Need: Safety, capacity, mobility

Project Scope: Public engagement and corridor study to identify needs, collect data, present recommendations and prioritize improvements.

Project Budget & Funding: funding for a comprehensive corridor study & development of a plan is presented below. Funding for implementation of any recommended improvements will be presented at a later date.

<p align="center"><u>Location Map</u> (No Scale)</p> 	<p align="center"><u>Figures below are for 5 year program</u> using current dollars</p> <table style="width:100%; border-collapse: collapse;"> <tr><td>Design/Engineering</td><td align="right">\$75,000</td></tr> <tr><td>Right-of-Way</td><td align="right">\$0</td></tr> <tr><td>Utilities</td><td align="right">\$0</td></tr> <tr><td>Construction</td><td align="right">\$0</td></tr> <tr><td>Contract Admin./Inspection</td><td align="right">\$0</td></tr> <tr><td>Total</td><td align="right">\$75,000</td></tr> </table>	Design/Engineering	\$75,000	Right-of-Way	\$0	Utilities	\$0	Construction	\$0	Contract Admin./Inspection	\$0	Total	\$75,000
Design/Engineering	\$75,000												
Right-of-Way	\$0												
Utilities	\$0												
Construction	\$0												
Contract Admin./Inspection	\$0												
Total	\$75,000												
	<p align="center"><u>Companion C.I.P.'s</u></p> <p align="center">None</p>												
	<p align="center"><u>Authorizing Legislation</u></p> <p align="center">Annual Authorizing Legislation</p>												
<p align="center"><u>Funding Source</u></p> <table style="width:100%; border-collapse: collapse;"> <tr><td>Department</td><td></td></tr> <tr><td>Fund Name</td><td></td></tr> <tr><td>Fund Number</td><td></td></tr> </table>	Department		Fund Name		Fund Number		<p align="center"><u>Project Origin</u></p> <p align="center">2021 CIB/CIP Priority Level: 2</p>						
Department													
Fund Name													
Fund Number													

	Fiscal Year =					2021
	2021	2022	2023	2024	2025	
Design/Engineering		\$75,000				
Right-of-Way						
Utilities						
Construction						
Contract Admin./Inspection						

C.I.P. No. W-20
Water Tower Painting

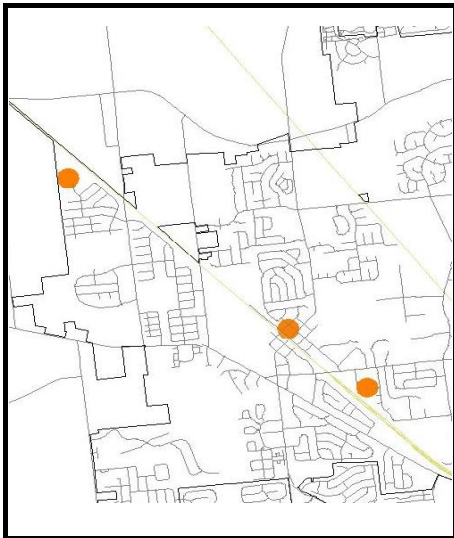
This project provides for regular painting of the Wayne Street, Westbrook Drive and Cosgray Road water tanks in Hilliard. Additional tanks will be added to the annual painting program as they are constructed.

Tanks should be painted every 10 to 15 years. The Wayne Street (Old Hilliard) water tank was last painted in the early 1990s and was repainted in 2007. The Westbrook Drive tank was repainted in 2013. Engineering studies have shown these tanks have lead paint that will require special protection during the removal of the lead and cadmium. The Cosgray Road water tank was constructed in 2000 and is not scheduled for repainting until 2022.

2022 - \$341,600

Design for Cosgray Road Water Tower Painting
 Cosgray Road Water Tower Painting

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design/Engineering	\$28,000
Right-of-Way	\$0
Utilities	\$0
Construction	\$280,000
Contract Admin./Inspection	\$33,600
Total	\$341,600

Companion C.I.P.'s

None

Authorizing Legislation

Annual CIB Ordinance

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

Project Origin

2021 CIP/CIB
Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$28,000			
Right-of-Way					
Utilities					
Construction		\$280,000			
Contract Admin./Inspection		\$33,600			

**C.I.P. No. W-48
Cosgray Road 12" Water Main**

The construction of 1,100 linear feet of 12-inch water main along Cosgray Road, approximately 350' to 1,450' north of Scioto Darby Road. This project would connect existing water lines to the north and south, providing an additional water line loop that would help to boost water pressure in this area. Design has been included in the plans for CIP T-84. Construction will be part of CIP T-84.

2022 Construction Project - \$246,400

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design/Engineering	\$0
Right-of-Way	\$0
Utilities	\$0
Construction	\$220,000
Contract Admin./Inspection	\$26,400
Total	\$246,400

Companion C.I.P.'s
T-84

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	PSD
Fund Name	Water Revenue
Fund Number	266

Project Origin
2021 CIP
Priority Level: I

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering					
Right-of-Way					
Utilities					
Construction		\$220,000			
Contract Admin./Inspection		\$26,400			

C.I.P. No. W- 49

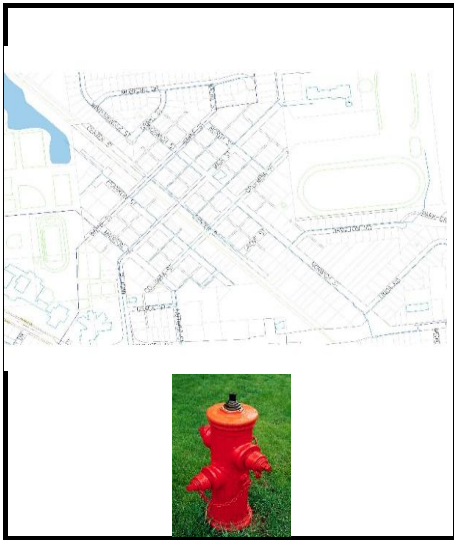
Old Hilliard Water Line Replacement

This project replaces approximately 2,900 linear feet of 2-inch and 4-inch diameter water line in Old Hilliard. Some of the alleys and streets in Old Hilliard have existing 2-inch and 4-inch water lines that are substandard in size. After repairing a break in one of them in 2010, it was noted that these lines are cast iron material in poor condition as well. Existing 2-inch and 4-inch water lines will be replaced with 6-inch or 8-inch water lines adequately sized for the area to be served. Additional fire hydrants may be constructed in those areas that lack an adequate amount of hydrants. The project would include the replacement of alley pavement for those water lines located in alleys.

2022 Design - \$60,000

2023 Construction - \$458,000

Location Map
(No Scale)



Figures below are for 5 year program
uses current year \$

Design/Engineering	\$60,000
Right-of-Way	\$0
Utilities	\$10,000
Construction	\$400,000
Contract Admin./Inspection	\$48,000
Total	\$518,000

Companion C.I.P.'s
None

Authorizing Legislation
Annual CIB Ordinance

Funding Source

Department	531
Fund Name	Water Revenue
Fund Number	266

Project Origin
2021 CIP
Priority Level: II

	Fiscal Year = 2021				
	2021	2022	2023	2024	2025
Design/Engineering		\$60,000			
Right-of-Way					
Utilities			\$10,000		
Construction			\$400,000		
Contract Admin./Inspection			\$48,000		