

Engineering

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ENGINEERING DEPARTMENT

Budget Highlights	FY 2019 Actual	FY 2020 Budget	FY 2021 Requested	% Change From FY 2020 Budget
<u>Expenses</u>				
Employee Expense	2,753,468	2,970,550	3,098,790	4.3 %
Supplies and Services	1,339,936	1,504,928	1,664,443	10.6 %
Machinery and Equipment	321,971	566,194	747,433	32.0 %
Payment to Construction Fund	1,525,000	1,210,000	880,000	(27.3)%
Less Recharges to Service Funds	(1,392,720)	(1,619,636)	(1,675,236)	3.4 %
Administrative Overhead Charges	469,385	527,544	608,650	15.4 %
Total Expenses	5,017,040	5,159,580	5,324,080	3.2 %
<u>Resources</u>				
Operating Revenue - General	60,515	145,691	109,716	(24.7)%
Lease Expense Reimbursement	105,746	94,596	110,614	16.9 %
Administrative OH Recharges	411,666	390,986	399,221	2.1 %
Road Use Tax Funds	296,963	499,494	702,317	40.6 %
Utility Charges - Parking	2,045	—	2,832	— %
Utility Charges - Water	33,400	20,010	20,707	3.5 %
Utility Charges - Stormwater	3,086,549	2,914,854	2,775,669	(4.8)%
Utility Charges - Sanitary	159,611	280,899	251,566	(10.4)%
Total Resources	4,156,495	4,346,530	4,372,642	0.6 %
<u>Debt Service</u>				
Stormwater debt abated with Stormwater User Fees	1,866,877	2,161,259	2,759,445	27.7 %
Stormwater debt abated with Sales Tax Increment	2,642,669	2,562,323	2,561,881	— %
Street Projects Debt abated with Sales Tax Fund (30%)/RUT	251,865	246,836	244,287	(1.0)%
America's River Debt Abated with TIF & General	892,736	883,286	883,275	— %
Total Debt Service	5,654,147	5,853,704	6,448,888	10.2 %
Property Tax Support	860,545	813,050	951,438	138,388
Percent Increase/(Decrease)				17.0 %
Personnel - Authorized FTE	30.23	29.96	30.71	

STORMWATER UTILITY

Budget Highlights	FY 2019 Actual	FY 2020 Budget	FY 2021 Requested	% Change From FY 2020 Budget
<u>Expenses</u>				
Employee Expense	352,317	771,077	669,450	(13.2)%
Supplies and Services	723,771	813,491	932,982	14.7 %
Payment to Construction Fund	1,525,000	1,210,000	880,000	(27.3)%
Less Recharges to Service Funds	(134)	(552,757)	(457,783)	(17.2)%
Machinery and Equipment	16,210	75,186	70,620	(6.1)%
Administrative Overhead Recharge	469,385	527,544	608,650	15.4 %
Park Stormwater Maintenance Charges	111,094	202,644	122,777	(39.4)%
Public Information Office	—	70,313	71,750	2.0 %
Public Works Stormwater Maintenance Charges	282,721	258,342	284,305	10.0 %
Debt Service	4,509,546	4,723,582	5,321,326	12.7 %
Total Expenses	7,989,910	8,099,422	8,504,077	5.0 %
<u>Resources</u>				
Operating Revenue	5,252,452	5,544,639	5,928,093	6.9 %
Sales Tax Increment	2,642,669	2,562,323	2,561,881	— %
Total Resources	7,895,121	8,106,962	8,489,974	4.7 %
Net Operating Surplus (Deficit)	(94,789)	7,540	(14,103)	(21,643)
Personnel - Authorized FTE	5.85	5.70	4.78	
Stormwater User Fee Rate Increase	6.75%	6.74%	6.83%	
Stormwater User Fee (per SFU)	\$ 7.76	\$ 8.29	\$ 8.85	
Revenue 1% Rate Increase Generates			\$ 48,494	

Improvement Package Summary

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This improvement request is to upgrade an existing, vacant position within the Engineering Department from an Engineering Technician (GE-31) to Civil Engineer (GE-38). The Civil Engineer position would be staffed with an individual with environmental/water resource expertise. The Civil Engineer would oversee activities associated with the compliance with the City's National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit and that portion of the City's NPDES wastewater treatment permit (and associated consent decree with the EPA) related to the sanitary sewer collection system. In addition, the improvement request would provide an additional \$50,000 for growing the City's partnership with Dubuque County and the Dubuque Soil & Water Conservation District through an existing 28e agreement. The total cost of the improvement package (recurring) would be \$66,449.00, split between the stormwater utility (+\$19,731) and sanitary sewer (+\$46,736) funds.

Related Cost:	\$5,485	Sanitary User Fee	Recurring	Recommend - Yes
Related Cost:	\$46,344	Internal Service Fund	Recurring	
Related Cost:	\$65,969	Stormwater User Fee	Recurring	
Related Cost Savings:	\$48,722	Stormwater User Fee	Recurring	
Total Cost:	<u>69,076</u>			
Stormwater User Fee Impact	1.36%			
Sanitary User Fee Impact	0.54%			
Activity: Stormwater/Sanitary				

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This decision package would provide for a full-time employee in the position of Camera Systems Technician (Camera and Traffic Networking GE-28B). The city has roughly 1,200 cameras to manage. Approximately 2 - 5% of the cameras are down at any one time. Maintenance of the existing system is overwhelming field staff constantly and additional help is needed to fulfill new camera requests while also providing assistance to the maintenance and upgrading of existing systems. The addition of a Camera Systems Technician would significantly reduce camera downtime, and improve the reliability and functionality of the citywide traffic camera surveillance system. This position would be utilized to shorten camera repair response time, while at the same time reduce ongoing installation and maintenance costs associated with outsourcing these services to commercial vendors. Currently many of the City's cameras and associated networking equipment are out of service on a regular basis. The lack of available city staff to respond to service requests leads to a delay in restoration of services, sometimes taking weeks at a time to restore equipment. The City of Dubuque's camera surveillance system is heavily leveraged by many departments and has become a key component of the City's public safety infrastructure. The system is used daily for several observational tasks including dispatcher reference, vehicle accident investigations, traffic flow improvement operations, drug task force investigations, construction project inspection, construction contractor claims investigation, emergency management storm event tracking, parking division monitoring and various other types of criminal investigations. The Camera Systems Technician would provide the following services to the department:

1. Configure, install and test low voltage communications.
2. Install and configure IP equipment in the field and in the Traffic Operations Center. This includes items such as cameras, network equipment, vehicle detection sensors, street lighting controllers, and other camera and vehicle transportation control system equipment.
3. Install and maintain automated control systems operation for enhance traffic flow, including, but not limited to: radio, cellular, fiber, and Ethernet communications systems, programmable logic controller hardware and software maintenance.
4. Knowledge and hands on experience of surge protection including proper grounding and bonding techniques to provide greater protection to City infrastructure from lightning strikes.
5. Application of the NEC, NEMA and MUTCD standards to the traffic camera surveillance system.
6. Knowledge and experience in servicing fiber optic communication systems.
7. Electrical schematic and construction plan reading.
8. Construction inspection related to traffic camera surveillance systems.

This improvement package supports the organizational goal of Financially Responsible City Government and High Performance City Organization and Partnership for a Better Dubuque, and Connected Community. It also aides in the Management Agenda High Priority of Community Security /Surveillance System Expansion because it will allow new camera placements at a quicker rate, higher quality data provided with timely equipment upgrades, and an additional staff member to aide in all aspects of camera maintenance.

Related Cost:	\$33,777	General Fund	Recurring	Recommend - Yes
Related Cost:	\$32,672	Internal Service Fund	Recurring	
Related Cost:	\$10,300	General Fund	Non-Recurring	
Total Cost:	<u>\$76,749</u>			
Property Tax Impact:	\$ 0.0173	0.17%		
Activity:	Traffic Engineering			

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This decision package would provide for the upgrading from a small car to a small 4-wheel drive pickup. The traffic engineer position needs to ability to go onto unimproved construction sites, jump curbs, etc in performance of their work. Additionally, a small car is not conducive to carrying traffic paint and aerosol cans, lathe, flags and other equipment. This vehicle also would carry the engineering department drone and requires more room than a small car. This improvement directly relates to Connected Community.

Related Cost:	\$ 7,500	Tax Funds	Non-Recurring	Recommend - No
Property Tax Impact:	\$ 0.003	0.03%		
Activity:	Traffic Engineering			

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This decision package would provide for additional funding to maintain and rehab ditches within city right-of-way or on city property. Maintenance includes such things as mowing, vegetation removal, debris removal. Rehab includes minor grading and re-seeding. The additional funding will allow the City to hire contractors to better maintain ditches that are part of the overall public municipal separate storm sewer system (MS4) permitted as part of the federal clean water act. Currently, the City has been allocating \$5,000 per year for this activity. The addition \$10,000 will allow the City to address more ditch maintenance related issues on a more timely basis.

Related Cost:	\$ 10,000	Stormwater User Fee	Recurring	Recommend - Yes
Stormwater User Fee Impact	0.21%			
Activity:	Stormwater			

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This improvement package would provide the funding to join the Iowa Stormwater Education Partnership (ISWEP). ISWEP is a member-driven organization formed in 2004 to address the educational needs of cities and others impacted by federal stormwater regulations. ISWEP focuses on two things: creating and providing its members with educational tools and resources and providing training. The educational tools can be used to help inform the public about the importance of clean stormwater and how to prevent pollution and soak up more rainfall and . They have been developed for various target audiences including city staff and councils, homeowners, builders, developers, contractors, business owners, and children. The training programs help to establish statewide standards to assist with implementation of stormwater regulations that includes the use and maintenance of appropriate pollution prevention practices. Events are held across the state every year. Additional training events address green infrastructure and urban stormwater management. The majority of Municipal Storm Sewer System (MS4) cities in Iowa are members of ISWEP. We are also comprised of educational organizations, professional firms, businesses, and individuals. Even though Dubuque has a robust stormwater and watershed program, citizens would benefit from further enhanced programs. Membership will also allow for the City to better share and collaborate with other communities across the state who deal with similar opportunities and challenges as Dubuque.

Related Cost:	<u>\$ 5,250</u>	Stormwater User Fee	Recurring	Recommend - Yes
Stormwater User Fee Impact	0.11%			
Activity:	Stormwater			

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This improvement package would provide the funding for adding automatic vehicle monitoring technology to all department vehicles. On a daily basis the Engineering Department staff make numerous daily trips from city hall to various project and inspection sites. For most personnel in the office, a trip into the field often results at multiple location stops during one trip. If better information was available relative to which staff were actively working in certain areas of the city, new requests for inspections or site visits could be dispatched by department administration staff in a much more efficient way. By eliminating unnecessary travel time, staff productivity will be increased.

Related Cost:	\$ 6,000	Tax Funds	Non-Recurring	Recommend - Yes
Related Cost:	\$ 1,000	Stormwater User Fees	Non-Recurring	
Related Cost:	\$ 1,500	Sanitary User Fees	Non-Recurring	
Related Cost:	\$ 1,440	Tax Funds	Recurring	
Related Cost:	\$ 240	Stormwater User Fees	Recurring	
Related Cost:	\$ 360	Sanitary User Fees	Recurring	
Total Cost:	<u>\$ 10,540</u>			
Property Tax Impact:	\$ 0.0029	0.03%		
Stormwater User Fee Impact:	0.03%			
Sanitary User Fee Impact:	0.02%			
Activity:	Project Engineering			

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This decision package is for limited grant funding to assist low to moderate income individuals who lack financial capacity to pay for clearing of snow from sidewalks along public roadways. In past years the City has had to direct hire contractors to remove snow from public sidewalks adjacent to private residences. In some situations age or a physical disability prevents some homeowners from removing the snow themselves. The Engineering Department has also found that some of these individuals do not have the option to request assistance from friends or family. If this request is approved an application and financial assistance program formula will be developed. Assistance will go directly toward offsetting the cost of snow removal on a one-time or two-time per season basis until all funding is exhausted.

Related Cost:	<u>\$ 5,000</u>	Tax Funds	Recurring	Recommend - Yes
Property Tax Impact:	\$ 0.002	0.02%		
Activity:	Project Engineering			

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This decision package is for a Traffic Intern (NA-34D, 624 hours annually, 0.30 FTE). This position would provide for an intern to be able to initially populate the database and make updates to reflect the continual changes that are happening as the result of new public-private partnerships, new city equipment installations, repairs, or modifications. The City's broadband public-private partnership initiative has been highly successful. In just the past two years the city has entered into numerous conduit or fiber optic cable sharing agreements with private entities that has resulted in a significant expansion of the City's fiber network or making multiple broadband service providers available to city businesses and residents. The time spent by city staff managing the locations and specific types of infrastructure shared as part of these agreements has grown significantly in the past two years. As future public-private partnerships are proposed, city staff is required to make trips to the field to inspect the roadside infrastructure in order to determine what city-owned broadband infrastructure is still remaining and available to be shared. In order to improve efficiently and best manage our infrastructure, the Engineering and Information Services Departments have recently invested in an industry specific software which actively manages fiber and conduit utilization in a database. Since none of the City's broadband infrastructure has been stored in this type of format, considerable time and effort is needed to initially populate the database with all

infrastructure that is owned by the City, including fiber counts, conduit configurations, traffic cabinets and server rack locations, rack mounted equipment at each location, and cable connections between various rack mounted equipment. An up-to-date and accurate database will save numerous hours of full time staff having to make site visits in order to assess and inventory existing city-owned broadband infrastructure.

Related Cost:	<u>\$ 10,438</u>	Tax Funds	Recurring	Recommend - No
Property Tax Impact:	\$ 0.0041	0.04%		
Activity: Traffic Engineering				

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This decision package is for fire extinguisher for each department assigned vehicle. All the Engineering vehicles regularly visit construction sites which can be inherently dangerous. Having fire extinguishers readily available on construction sites is an industry best practice and if ever needed can be essential in extinguishing any potential fires before they grow into catastrophic events. Since the vehicles travel extensively throughout Dubuque on a daily basis, having a fire extinguisher on board also provides a secondary benefit to Dubuque residents if one were ever needed in an emergency and staff happened to be nearby.

Related Cost:	\$ 720	Tax Funds	Non-Recurring	Recommend - Yes
Related Cost:	\$ 120	Stormwater User Fees	Non-Recurring	
Related Cost:	\$ 180	Sanitary User Fees	Non-Recurring	
Related Cost:	\$ 120	Tax Funds	Recurring	
Related Cost:	\$ 20	Stormwater User Fees	Recurring	
Related Cost:	\$ 30	Sanitary User Fees	Recurring	
Total Cost:	<u>\$ 1,190</u>			
Property Tax Impact:	\$ 0.0003	0.004%		
Stormwater User Fee Impact:	0.003%			
Sanitary User Fee Impact:	0.002%			
Activity: Project Engineering				

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This decision package is for software to manage critical fiber infrastructure. Most of today's critical infrastructure is controlled by complex network communications. These communications usually run via fiber optic and wireless connectivity. The platform for these communications is Ethernet which is comprised of a series of switches and computer equipment that runs across these communication lines. This same system connects employees together on their computers and phones also connects critical infrastructure used for water, flood control, storm sewer, wastewater, city surveillance, traffic control, Police and Fire communications, code blue phones and other critical public safety infrastructure. These systems will continue to grow and expand as the Internet of Things's expand. The importance of keeping these networks running at their optimal level is of vital importance. Troubleshooting these system to find the root cause of the network failure issue can be very laborious to nearly impossible without the supporting tools needed for this specialized task. This Path Solutions software was developed to resolve these critical network issues quickly and reduce the City's dependency on outside vendors for this type of help. In traffic, there is a vast network of equipment that demands constant care. There are intermittent users, which can actually create a void in performance since staff is not notified of issues when the problems arise. At times network problems occur when nobody is using or monitoring a particular network device. An example of this is the recording of surveillance footage on the video management software. Often staff is asked to pull footage of an occurrence that happened weeks ago. When pulling this footage, the video jumps and sometimes misses several seconds of video frames during critical moments that may be needed to solve a crime or accident investigation. These skipped frames are due to glitches in the network and can have various causes that are difficult to track down. Approval of this request would result

in higher network reliability and less money being spent on contracted vendors being hired to find network problems.

Related Cost:	\$ 30,240	Tax Funds	Non-Recurring	Recommend - Yes
Related Cost:	\$ 5,600	Tax Funds	Recurring	
Total Cost:	<u>\$ 35,840</u>			
Property Tax Impact:	\$ 0.0141	0.14%		
Activity:	Traffic Engineering			

Significant Line Items

Employee Expense

1. FY 2021 employee expense reflects a 1.5% wage package increase.
2. The Iowa Public Employee Retirement System (IPERS) City contribution of 9.44% is unchanged from FY 2020 The employee contribution of 6.29% is unchanged from FY 2020.
3. The City portion of health insurance expense is increased from \$921 in FY 2020 to \$1,013 in FY 2021 per month per contract which results in an annual cost increase of \$49,954 or 11.26%.
4. Overtime is unchanged from \$72,640 in FY 2020 to \$72,640 in FY 2021. FY 2019 actual was \$79,982.
5. Five-Year Retiree Sick leave payout decreased from \$11,977 in FY 2020 to \$11,976 in FY 2021.
6. 50% Sick Leave Payout increased from \$0 in FY 2020 to \$14,473 in FY 2021 based on FY 2020 actual to-date. Effective July 1, 2019, employees over the sick leave cap can convert 50% of the sick leave over the cap to vacation or be paid out.
7. During FY 2020, the City Council approved a non-recurring engineering intern position to do a comprehensive update to the City's current policies and standards related to OSHA compliance and protection of the public during construction projects. This position will expire June 30, 2020. The elimination of this position in FY 2021 results in -0.25 FTE and a savings of \$9,982.
8. The Fiscal Year 2021 budget includes the following changes in the funding allocation of positions:
 - a. Civil Engineer I
 - i. +0.25 FTE to General Fund (+\$27,863)
 - ii. +0.15 FTE to Sanitary Sewer Internal Service Fund (+\$16,285)
 - iii. +0.20 FTE to General Project Engineering Internal Service Fund (+\$24,060)
 - iv. -0.05 FTE from Sanitary Sewer Fund (-\$5,429)
 - v. -0.10 FTE from Stormwater Fund (-\$10,858)
 - vi. -0.45 FTE from Stormwater Internal Service Fund (-\$51,921)
 - b. Civil Engineer II
 - i. +0.15 FTE to Stormwater Fund (+\$19,561)
 - ii. -0.15 FTE from General Fund (-\$19,561)
 - c. Engineering Technician
 - i. +0.03 FTE to Parking Fund (+\$2,774)
 - ii. +0.17 FTE to General Project Engineering Internal Service Fund (+\$15,716)
 - iii. +0.15 FTE to Sanitary Sewer Internal Service Fund (+\$13,867)
 - iv. -0.35 FTE from Stormwater Internal Service Fund (-\$32,357)

- d. Traffic Engineer
 - i. +0.10 FTE to General Project Engineering Internal Service Fund (+\$11,069)
 - ii. -0.10 FTE from General Fund (-\$11,069)

- e. Secretary
 - i. +0.55 FTE to General Fund (+\$38,669)
 - ii. +0.05 FTE to Stormwater Fund (+\$3,513)
 - iii. -0.20 FTE from Sanitary Sewer Fund (-\$14,060)
 - iv. -0.20 FTE from Sanitary Sewer Internal Service Fund (-\$14,061)
 - v. -0.20 FTE from Stormwater Internal Service Fund (-\$14,062)

- f. Confidential Account Clerk
 - i. +0.05 FTE to Sanitary Sewer Internal Service Fund (+\$3,016)
 - ii. +0.05 FTE to Stormwater Internal Service Fund (+\$3,017)
 - iii. -0.05 FTE from Sanitary Sewer Fund (-\$3,016)
 - iv. -0.05 FTE from Stormwater Fund (-\$3,017)

Supplies & Services

9. Consultant Services is increased from \$72,051 in FY 2020 to \$85,801 in FY 2021. This line item represents Stormwater Maintenance (\$52,000), NPDES consultant services (\$7,250), Stormwater I&I Prevention (\$6,000), and Detention Basin Maintenance (\$3,936).

10. Inspection Reimbursement is unchanged from \$36,000 in FY 2020 to \$36,000 in FY 2021. This line item represents the refund to developers for subdivision inspection fees paid that were more than actual cost. There is offsetting revenue of \$65,000 in the Subdivision Inspection Fee revenue line item.

11. Pay to Other Agency is increased from \$67,957 in FY 2020 to \$117,957 in FY 2021. This line item represents the contract with East Central Iowa Association for transportation planning (\$20,000) and the Catfish Creek Watershed Partnership payment (\$97,957).

12. Grant expense increased from \$438,506 in FY 2020 to \$472,090 in FY 2021. This line item is the stormwater enterprise fund subsidies for low income households (\$34,326), residential farms (\$12,155), and property tax-exempt properties (\$400,609), lateral replacement assistance (\$10,000), as well as streambank rehabilitation grants (\$5,000) and rain gardens/barrel grants (\$5,000). The increase represents the planned increase in the Stormwater User Fee in FY 2021. There are 118 customers that receive the property tax-exempt subsidy, of which the top ten include schools, universities and hospitals, which account for 71% of the property tax-exempt subsidy paid. There are 18 customers that receive the residential farm subsidy and there are 465 customers that receive the low-income subsidy.

13. Sales Tax increased from \$166,099 in FY 2020 to \$178,403 in FY 2021 based on increased stormwater rates in FY 2021. This expense is directly offset by sales tax revenue.

14. Software License increased from \$162,194 in FY 2020 to \$181,200 in FY 2021. FY 2019 actual was \$89,026. In FY 2020, Milestone camera licenses increased \$22,000 and Milestone camera software maintenance was added for \$23,000. In FY 2021, Traffic Engineering increased \$20,699 due to an increase in the Milestone camera software (\$25,000) and a decrease in the Windows 2008 Server software (-\$7,800). Project Engineering increased \$6,467 due to an increase in the Drone Deploy license (\$500) and an increase in AutoCAD Civil 3D (\$4,527). Sanitary Sewer Engineering decreased \$(4,435) due to an increase in Win911pro (\$2,500), Mobile911 (\$1,200), an increase in hachWIMS custom report writer for SCADA (\$1,445), and an increase in Wonderware Historian Client (\$6,525). Stormwater decreased \$(4,003) due to adding 87 Milestone licenses for cameras.

15. Camera Maintenance decreased from \$63,592 in FY 2020 to \$60,400 in FY 2021. FY 2019 actual was \$26,094. Stormwater decreased \$3,192 due to moving camera annual software maintenance to the software maintenance line item. This line item represents maintenance contracts associated with the equipment and software used to run the Traffic Operations Center (\$36,500) and the Milestone Camera licenses (\$23,900).
16. Property Tax increased from \$87,645 in FY 2020 to \$89,498 in FY 2021. FY 2019 actual was \$85,092. This line item represents the property taxes paid on property that the City leases to other entities and is offset by lease revenue.
17. Education and Training increased from \$48,988 in FY 2020 to \$49,246 in FY 2021 based on FY 2020 plus 1%.
18. Conferences increased from \$31,526 in FY 2020 to \$35,264 in FY 2021. Project Engineering increased \$3,738 due to adding the ESRI User Conference and American Association of Highway Transportation Officials GIS-T symposium for the Engineering Technician.
19. Machinery and Equipment Maintenance increased from \$52,895 in FY 2020 to \$63,137 in FY 2021. FY 2019 actual was \$35,231. Stormwater increased \$8,242 due to adding a budget for the Bee Branch Pump Station maintenance and repairs (\$8,242). Traffic Engineering increased \$2,000 for traffic counter maintenance.

Machinery & Equipment

20. Equipment replacement items include (\$747,433):

Equipment Replacements	
Engineering Administration	
Chairs/Desks	\$ 1,000
Label Maker	\$ 200
Spiral Binding System	\$ 2,500
Emergency Radio	\$ 3,800
Smart Phone	\$ 700
Project Engineering General Fund	
Digital Cameras (1)	\$ 200
ASTM Manuals/Lab Equipment	\$ 1,000
Desks/Chairs	\$ 1,000
Metal Detector	\$ 900
Auto Levels (2)	\$ 300
Motorola Radius Radios (2)	\$ 1,000
Ford Connect Van	\$ 38,000
Security Cameras (7)	\$ 8,400
Smart Phones (10)	\$ 3,850
Traffic Engineering General Fund	
Computer	\$ 2,400
2008 Toyota Prius	\$ 17,500
Traffic Engineering Road Use Tax Fund	

Equipment Replacements	
Label Printer	\$ 200
PTZ Cameras (2)	\$ 22,400
Battery Back-Up Systems (5)	\$ 25,000
Milestone Video Servers (4)	\$ 30,000
Virtual Servers (4)	\$ 8,000
Network Switch - City Hall	\$ 8,150
Network Switch - Operations and Maintenance (2)	\$ 16,275
Network Switch - Brocade Fiber (2)	\$ 11,500
HP Video Monitor CPU (2)	\$ 10,000
Axis Servers (10)	\$ 6,500
Wireless Point to Point (2)	\$ 10,000
Hardened Intersection Switches (17)	\$ 51,000
Nitek Extenders for cameras (5)	\$ 5,000
Data Collector	\$ 10,000
Milestone SAN - 2 CHASSIS	\$ 120,000
Mobile GPS (5)	\$ 2,100
ITERIS Cameras (4)	\$ 4,800
Axis Cameras (91)	\$ 109,200
Batteries (60)	\$ 12,000
APC Battery Back-Up (1)	\$ 3,000
Traffic Counters (3)	\$ 4,500
Smart Phone (1)	\$ 350
Project Engineering Sanitary Sewer Fund	
E-One Pumps (3)	\$ 6,000
Gas Air Meters (4) & Field Safety Equipment	\$ 2,400
Smart Phones (2)	\$ 1,050
Project Engineering Stormwater Fund	
Label Maker	\$ 200
Level Transducers	\$ 2,500
Weather Station	\$ 1,100
Smart Phones (2)	\$ 700
Annual Projects	
General Sanitary Sewer Repairs/Maintenance	\$ 92,868
General Stormwater Repairs/Maintenance	\$ 50,000
Detention Basin Maintenance	\$ 15,000
Recommended Improvement Packages	\$ 22,890
Total Equipment	\$ 747,433

Debt Service

21. Annual Debt Service Payments for FY 2021 are as follows (\$6,448,888):

Amount	Debt Series	Source	Purpose	Final Payment	Call Date
\$ 23,876	2017A G.O.	Sales Tax 30%	Fiber Optic & Street Light	2029	2025
\$ 193,600	2017A G.O.	Stormwater Fees	Stormwater Improvements	2029	2025
\$ 876,221	2017A G.O.	GDTIF/General	America's River Project	2021	2021
\$ 420	2017A G.O.	Sales Tax 30%	Street Improvements	2030	2025
\$ 55,048	2006 SRF	Stormwater Fees	North Catfish Creek	2030	
\$ 115,520	2009 SRF	Stormwater Fees	West 32nd Detention Basin	2030	
\$ 71,155	2018A G.O.	Sales Tax 30%	Southwest Arterial	2031	2026
\$ 158,122	2018A G.O.	Stormwater Fees	Stormwater Improvements	2031	2026
\$ 127,732	2012B G.O.	Stormwater Fees	Stormwater Improvements	2031	2020
\$ 7,054	2019C G.O.	Sales Tax 30%	FEMA Flood Buyout	2027	2026
\$ 31,726	2019C G.O.	Stormwater Fees	Stormwater Improvements	2033	2026
\$ 79,563	2012E G.O.	Sales Tax 30%	Southwest Arterial	2032	2019
\$ 9,039	2012E G.O.	Stormwater Fees	Stormwater Improvements	2032	2019
\$ 413,280	2010 SRF	Stormwater Fees	Lower Bee Branch	2032	
\$ 323,100	2014A G.O.	Sales Tax Increment	Bee Branch Watershed	2029	2024
\$ 51,197	2014B G.O.	Sales Tax 30%	Street Improvements	2034	2021
\$ 20,660	2014 SRF	Sales Tax 30%	Lower Bee Branch	2034	
\$ 1,476,131	2015B SRF	Sales Tax Increment	Upper Bee Branch	2035	
\$ 762,650	2015A Revenue	Sales Tax Increment	Bee Branch Watershed	2029	2026
\$ 724,650	2016B G.O.	Sales Tax 20%	Stormwater Refunding	2036	2024
\$ 18,076	2016C G.O.	Stormwater Fees	Federal Building Roof	2037	2024
\$ 910,068	2019 SRF	Stormwater Fees	Bee Branch Watershed	2038	
\$ 6,448,888	Total Engineering Annual Debt Service				

Revenue

22. Riverfront Leases increased from \$2,270,423 in FY 2020 to \$2,678,025 in FY 2021 based on the projected revenue which is as follows:

Riverfront Lease	FY20 Budget	FY21 Budget
Artco Fleeting Service	\$ 1,050	\$ 1,200
Colleen Bradley Lindstrom	\$ 3,600	\$ 3,600
Dubuque Marina	\$ 31,653	\$ 32,128
Dubuque Terminals - South Port Inland	\$ 13,900	\$ —
Dubuque Terminals Dove Harbor	\$ 121,890	\$ 123,718
Dubuque Yacht Basin	\$ 24,813	\$ 195,300
Flint Hill Resources	\$ 676,700	\$ 686,850
Freebird II, LLC - Lease 2	\$ 6,792	\$ —
Freebird III, LLC	\$ 58,000	\$ —
Hodge Transit Warehouse Co	\$ 355,064	\$ 360,390
Klauer Manufacturing	\$ 100	\$ 100
Riverboat Twilight	\$ 5,500	\$ 5,300

<u>Riverfront Lease</u>	<u>FY20 Budget</u>	<u>FY21 Budget</u>
Gavilon - 7th Street	\$ —	\$ 107,500
Gavilon - Purina Drive	\$ —	\$ 178,750
Gavilon - Land By City Salt Pile	\$ 264,180	\$ 268,143
Gavilon Dove Harbor	\$ 537,540	\$ 545,603
Thompson Truck and Trailer LLC	\$ 7,341	\$ 7,451
Port of Dubuque Brewery Development	\$ 62,100	\$ 62,100
Diamond Jo Patio Lease	\$ 25,000	\$ 25,000
Platinum Holdings LLC	\$ 75,200	\$ 74,892
Total	\$ 2,270,423	\$ 2,678,025

23. Wharfage Fees on Leased Property increased from \$123,000 in FY 2020 to \$148,024 in FY 2021 and is dependent on how much business is being conducted at the Wharf.

<u>Wharfage Fees on Leased Property</u>	<u>FY20 Budget</u>	<u>FY21 Budget</u>
Freebird II, LLC - Lease 2	\$ 22,000	\$ —
Gavilon - 7th Street	\$ —	\$ 53,008
Gavilon Dove Harbor	\$ 65,000	\$ 40,968
Gavilon - Salt Site	\$ 16,000	\$ 33,048
Flint Hill Resources	\$ 20,000	\$ 21,000
Total	\$ 123,000	\$ 148,024

24. Non-Riverfront Lease increased from \$135,138 in FY 2020 to \$137,923 in FY 2021.

<u>Non-Riverfront Lease</u>	<u>FY20 Budget</u>	<u>FY21 Budget</u>
Dubuque Rescue Mission	\$ 1	\$ 1
HHH Enterprises	\$ 2,093	\$ 2,135
Hartig Drug	\$ 1,844	\$ 1,881
16th St. Detention Basin - Rainbo Oil	\$ 123,031	\$ 125,492
Interstate Power & Light Co (Graf Farm Solar)	\$ 8,169	\$ 8,414
Total	\$ 135,138	\$ 137,923

25. Fiber Leases increased from \$0 in FY 2020 to \$14,178 in FY 2021 based on FY 2019 actual.

26. Telecomm Leases increased from \$0 in FY 2020 to \$9,600 in FY 2021 based on FY 2019 actual.

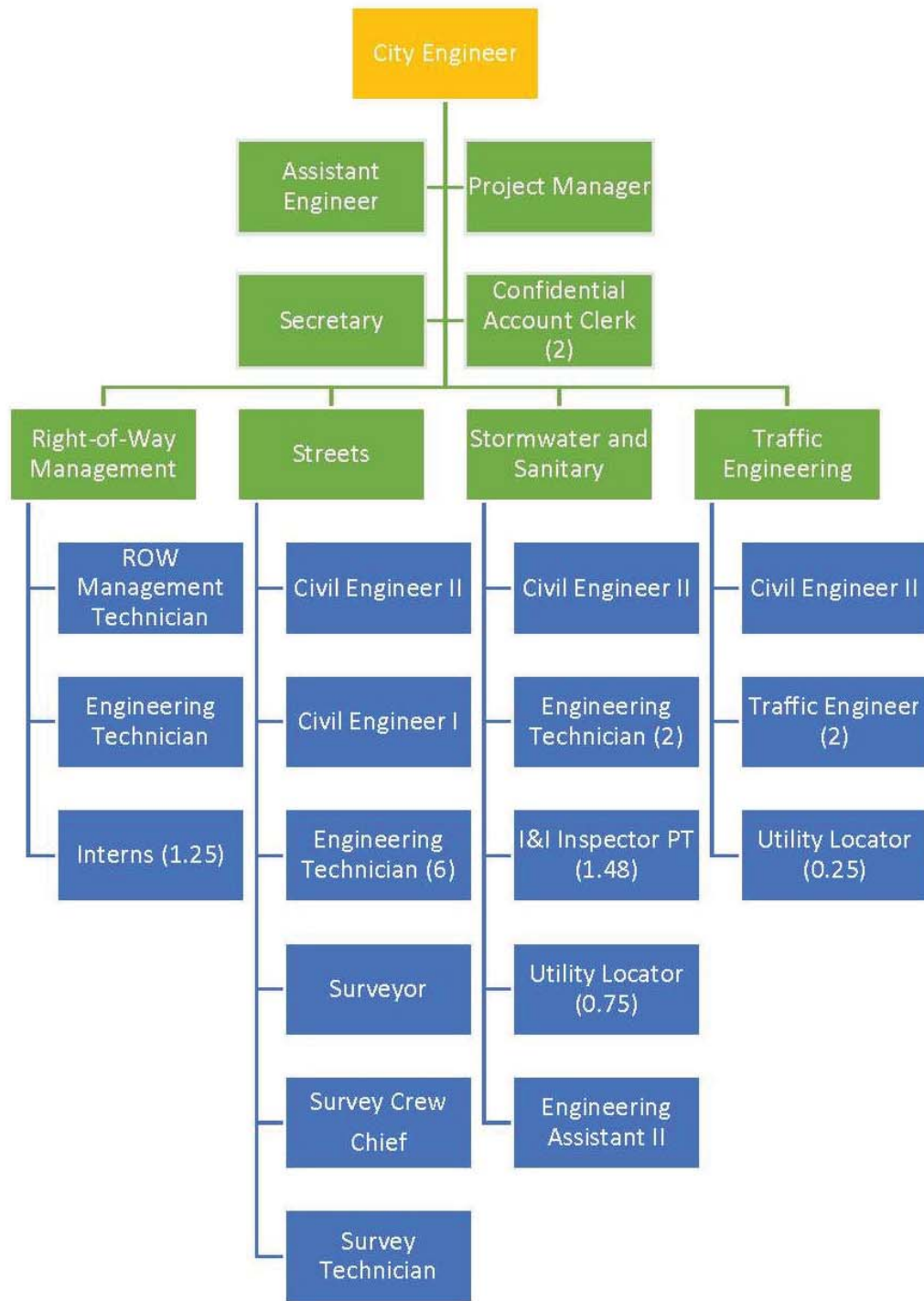
27. Subdivision Inspection Fees decreased from \$100,000 in FY 2020 to \$65,000 in FY 2021 based on projected construction of subdivisions.

28. Stormwater Penalties increased from \$28,845 in FY 2020 to \$31,295 in FY 2021 based on FY 2019 actual of \$31,295.

29. The FY 2021 Stormwater User Fee increased from \$8.29 per SFU to \$8.85 per SFU, a 6.83% increase, consistent with Ordinance 16-14 passed on March 5, 2014.

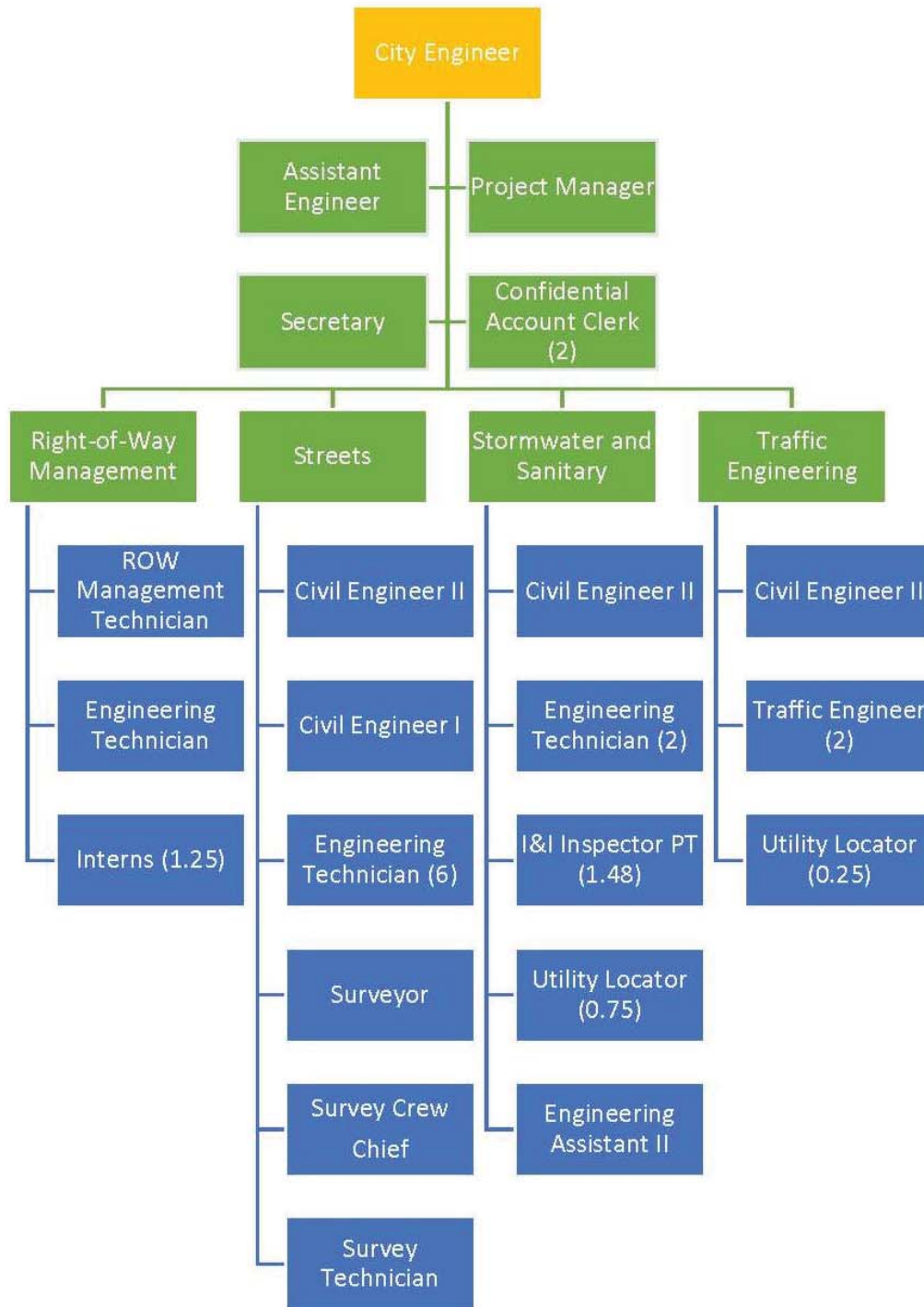
	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Adopted Per Ordinance 21-12	\$ 8.50	\$ 9.00	\$ 9.00	\$ 9.00	\$ 9.00	\$ 9.00	\$ 9.00	\$ 9.00
Adopted Per Ordinance 16-14	\$ 6.38	\$ 6.81	\$ 7.27	\$ 7.76	\$ 8.29	\$ 8.85	\$ 9.00	\$ 9.00
% Decrease From Ordinance 21-12	-24.94%	-24.33%	-19.22%	-13.78%	-7.89%	-1.69%	—%	—%

* The recommended rates for FY16 through FY20 reflect the rates previously established by Ordinance 16-14 following the State’s approval of \$98.5 million in State Flood Mitigation state sales tax increment funds for the Bee Branch Watershed Flood Mitigation Project. Ordinance 21-12 was the ordinance adopted prior to the City receiving the Flood Mitigation grant.



ENGINEERING DEPARTMENT

The mission of the Engineering Department is to promote public safety by providing engineering services related to the planning, development, construction, and maintenance of the City's public infrastructure systems.



SUCCESS IS ABOUT PLANNING, PARTNERSHIPS AND PEOPLE LEADING TO OUTCOMES

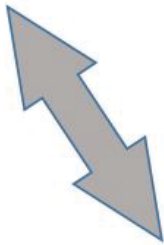
PEOPLE

Engineering continues in its emphasis on public information meetings concerning projects that have a significant impact on property owners. These meetings provide an opportunity for meaningful exchange between the City and property owners on the project scope and its impact.



PLANNING

Engineering coordinates its project planning with multiple City Departments. In addition the department is involved in the Dubuque Metropolitan Area Transportation Study and works with the East Central Intergovernmental Agency in planning projects. This ensures a regional view is considered in project development.



PARTNERSHIPS

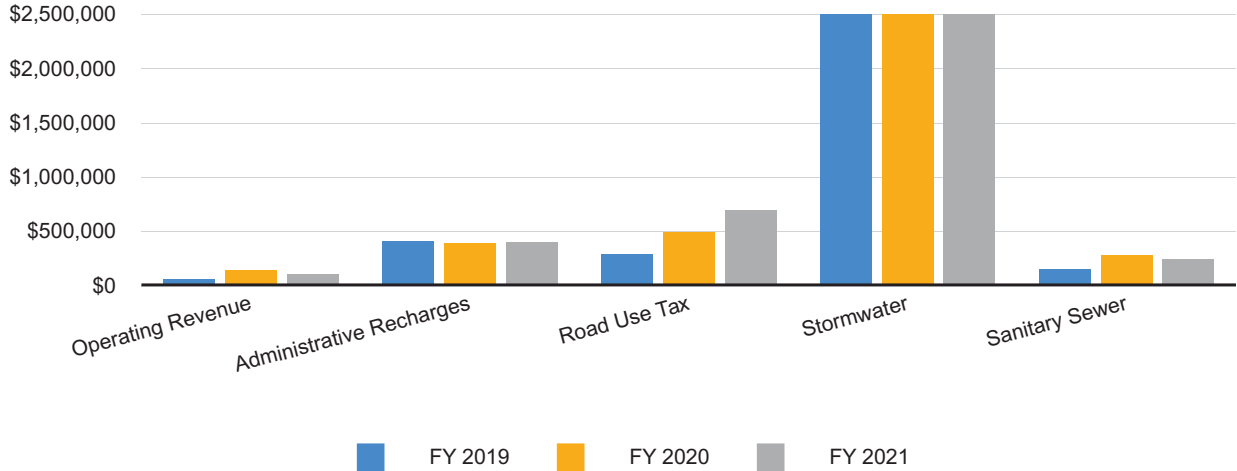
The Engineering Department works with the Iowa Department of Transportation (IDOT), the Access Board, Federal Highway Administration (FHWA), East Central Intergovernmental Agency (ECIA), Dubuque County, Historic Preservation Commission, Neighborhood Groups, Tri-State Trail Vision and many other entities when planning and constructing projects.



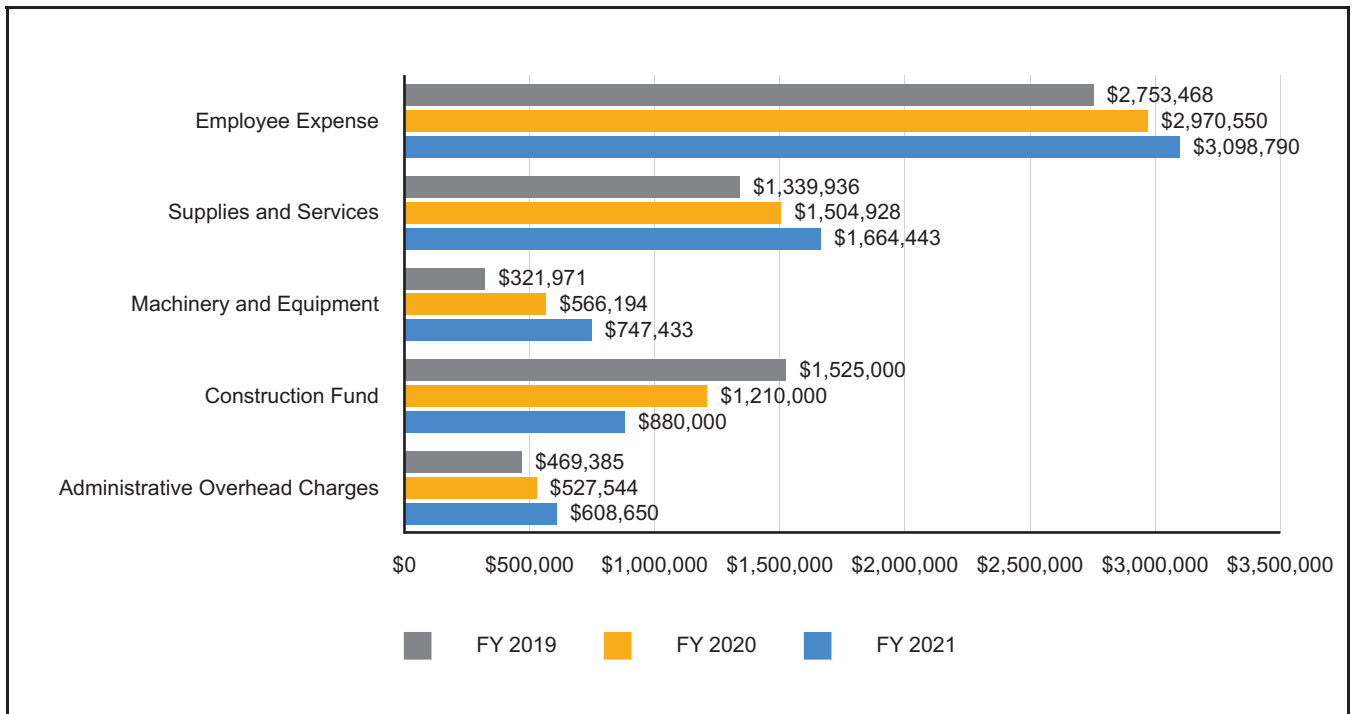
ENGINEERING DEPARTMENT

	FY 2019	FY 2020	FY 2021
Full-Time Equivalent	30.23	29.96	30.71

Resources



The Engineering Department is supported by 30.71 full-time equivalent employees, which accounts for 58.20% of the department expense as seen below. Overall, the department's expenses are expected to increase by 3.19% in FY 2021 compared to FY 2020.



ENGINEERING DEPARTMENT

Activity: Right-of-way Management and Streets

Mission & Services

These activities manage the public right-of-way so it is safe and accessible for all users and constructing and maintaining [streets](#) in a fiscally-responsible way that also provides safe and efficient transportation. Responsibilities include monitoring [right-of-way](#), [excavations](#), [sidewalk](#) inspections, appeals, management of compliance, utility locate services, and street and [alley](#) planning, inspection, reconstruction, and maintenance.




Right-of-way and Streets Funding Summary			
	FY 2019 Actual	FY 2020 Budget	FY 2021 Requested
Expenditures	\$2,642,157	\$2,056,049	\$2,200,504
Resources	\$(670,994)	\$1,221,090	\$(1,535,862)

Right-of-way and Streets Position Summary	
	FY 2021
City Engineer	0.30
City Engineer - Service Fund	0.15
Assistant City Engineer	0.30
Assistant City Engineer- Svc Fd	0.70
Project Manager	0.40
Project Manager - Service Fund	0.10
Civil Engineer II	0.80
Civil Engineer II - Service Fund	1.20
Survey Technician	0.15
Survey Technician - Service Fund	0.30
Survey Party Chief	0.15
Survey Party Chief - Service Fd	0.30
Engineering Technician	1.90
Engineering Technician - Service Fd	2.67
Engineering Assistant II	0.10
Engineering Assistant II - Service Fd	0.40
Surveyor	0.80
Surveyor - Service Fund	0.20
Engineering Aide	0.00
Engineering Aide - Service Fund	1.00
Traffic Engineer	0.50
Traffic Engineer - Service Fund	0.50
Confidential Account Clerk	0.65
Confidential Acct Clerk - Service Fd	0.00
Secretary - Admin	0.05
Secretary - Admin Internal Svc	0.00
ROW Technician	0.90
ROW Technician - Service Fd	0.10
Engineering Aide - Seasonal	0.00
Total FT Equivalent Employees	14.62

ENGINEERING DEPARTMENT

Right-of-Way Management and Streets

Performance Measures

City Council Goal: Connected Community						
	Performance Measure (KPI)	Target	FY18 Actual	FY19 Actual	FY20 Estimate	Performance Indicator
1	Activity Objective: Provide safe walking pathways throughout the City, including pedestrian access ramps.					
	% of property notices resolved within allotted time for un-shoveled sidewalks	80%	57%	94%	80%	
	# of ADA curb ramps installed	100	104	95	100	
2	Activity Objective: Provide complete, safe, and efficient street systems.					
	Avg. condition rating (out of 100) of all Dubuque streets	70	78	73	73	
	# of vehicle crashes in the City of Dubuque	N/A	1,546	1,261	1,300	N/A
City Council Goal: Livable Neighborhoods & Housing						
3	Activity Objective: Manage the work in right-of-way permits.					
	# of Right of Way excavation permits/person	N/A	227	306	350	N/A



ENGINEERING DEPARTMENT

Stormwater Management

Mission & Services


The mission of the City's Stormwater Management Utility is to help protect the health of citizens and both the natural and built environment by designing, implementing, and maintaining an effective, efficient municipal stormwater management system. The City of Dubuque has the responsibility as private property owners: manage stormwater on its property. Programs include construction of new detention basins, extension of storm sewer systems, maintenance of ditches, sewers, and basins, and limiting pollutants associated with stormwater runoff.

Stormwater Funding Summary			
	FY 2019 Actual	FY 2020 Budget	FY 2021 Requested
Expenditures	\$4,662,633	\$5,275,137	\$5,612,766
Resources	\$4,662,633	\$5,275,137	\$5,612,766


Stormwater Position Summary	
	FY 2021
Civil Engineer II	0.77
Civil Engineer II - Service Fund	0.68
City Engineer	0.15
City Engineer - Service Fund	0.10
Engineering Technician	0.15
Engineering Technician - Service Fd	1.35
Engineering Assistant II	0.10
Engineering Assistant II - Service Fd	0.40
Survey Party Chief - Service Fund	0.25
Survey Technician - Service Fund	0.25
Project Manager - Service Fund	0.25
Utility Locator - Stormwater	0.25
Utility Locator - Water	0.25
Confidential Account Clerk	0.25
I&I Inspector	1.46
Confidential Account Clerk - Service Fd	0.40
Total FT Equivalent Employees	7.06

Performance Measures

City Council Goal: Livable Neighborhoods and Housing

Performance Measure (KPI)	Target	FY18 Actual	FY19 Actual	FY20 Estimate	Performance Indicator
1 Activity Objective: Engineer, construct, and maintain facilities to mitigate the effects of flooding.					
# of phases completed in Bee Branch Watershed Flood Mitigation Project	12	4	5	5	

City Council Goal: Connected Community

2 Activity Objective: Design and oversee construction of street/public ROW drainage systems to mitigate flooding and make the street available to the public during a rain event.					
% of storm sewer construction occurring in conjunction with street replacement	80	95	95	85	

ENGINEERING DEPARTMENT

Sanitary Sewer Collection

Mission & Services

The City of Dubuque's Sanitary Sewer Collection system delivers wastewater to the Water and Resource Recovery Center (W&RRC) where it is treated in accordance with the federal Clean Water Act before being discharged in the Mississippi River. This activity defines and implements capital improvements to improve the City's existing sanitary sewer collection infrastructure and provides direction and standards for future expansion and connections to the system.

Sanitary Sewer Collection Funding Summary			
	FY 2019 Actual	FY 2020 Budget	FY 2021 Requested
Expenditures	\$159,603	\$557,989	\$603,695
Resources	\$159,603	\$557,989	\$603,695

Sanitary Sewer Collection Position Summary	
	FY 2021
City Engineer	0.15
City Engineer - Service Fund	0.15
Civil Engineer II	0.10
Project Manager	0.10
Project Manager - Service Fund	0.15
Engineering Technician	0.10
Engineering Technician - Service Fund	1.80
Survey Party Chief - Service Fund	0.30
Survey Technician - Service Fund	0.30
Secretary	0.05
Secretary - Service Fund	0.05
Confidential Account Clerk	0.25
Confidential Account Clerk - Svc Fund	0.15
Utility Locator	0.25
Total FT Equivalent Employees	3.90

Performance Measures

City Council Goal: Sustainable Environment

	Performance Measure (KPI)	Target	FY18 Actual	FY19 Actual	FY20 Estimate	Performance Indicator
1	Activity Objective: Reduce inflow and infiltration (I&I) into the sanitary sewer collection system and work to eliminate the source or secure the sanitary sewer from the source.					
	# of feet pipe lined through I&I Program	1,000	6,239	0	300	
2	Activity Objective: Reconstruct Sanitary Sewer Manholes and Pipe					
	# of brick sanitary sewer manholes replaced	15	18	15	18	

ENGINEERING DEPARTMENT

Traffic Engineering

Mission & Services


This Activity is responsible for overseeing the planning, inspection and daily operation of active projects for the movement of pedestrians, vehicular traffic, fiber optic expansion, street lighting, traffic signals, traffic controls, fiber optic and communications infrastructure, traffic and security cameras, traffic signage and pavement markings throughout the City and provides guidance to the Public Works Department. Other activities involve the review and recommendations for parking meter districts, residential parking districts and accessible parking spaces according to local, state and federal guidelines. This activity is highly called upon during emergency events and crises.

Traffic Engineering Funding Summary			
	FY 2019 Actual	FY 2020 Budget	FY 2021 Requested
Expenditures	\$82,968	\$153,780	\$196,937
Resources	\$7,200	\$17,681	\$17,893




Traffic Engineering Position Summary	
	FY 2021
Confidential Account Clerk	0.20
Utility Locator	0.25
Traffic Engineering Assistant	0.00
Traffic Engineering Assistant - Svc Fd	0.00
Total FT Equivalent Employees	0.45

Performance Measures

City Council Goal: Financially Responsible, High Performance Organization

	Performance Measure (KPI)	Target	FY18 Actual	FY19 Actual	FY20 Estimate	Performance Indicator
1	Activity Objective: Reduce energy and maintenance costs as well as increase safety by replacing existing street lights with LED lighting.					
	% of city-owned lights converted to LED	100%	32%	51%	53%	

City Council Goal: Connected Community

2	Activity Objective: Provide a road network that ensures a high level of safety for vehicles, cyclists, and pedestrians.					
	% of signalized Intersections with Microwave Detection	100%	26%	29%	31%	
2	Activity Objective: Continue growth of traffic operation cameras, security cameras, and fiber and conduit.					
	% of signalized Intersections with security cameras	100%	N/A	74%	80%	
	# of miles annually of conduit installed	N/A	12.51	4.75	4.29	

Recommended Operating Revenue Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Revenue	FY19 Actual Revenue	FY20 Adopted Budget	FY21 Recomm'd Budget
100	42170	MISC-LICENSES	3,381	2,986	3,381	800
100	42225	DUMPSTER PERMITS	2,960	3,140	2,960	3,200
100	42240	EXCAVATION PERMITS	22,363	25,418	22,363	23,000
620	42260	PERMIT, MISC	6,095	3,795	6,095	3,795
100	42305	SIDEWALK PERMIT	8,193	11,999	8,193	8,400
100	42315	SUBDIV. INSPECTION FEE 3%	139,318	850	100,000	65,000
610	42,315	SUBDIV. INSPECTION FEE 3%	0	1,017	0	0
640	42315	SUBDIV. INSPECTION FEE 3%	0	1,306	0	0
42	LICENSES AND PERMITS	- Total	182,310	50,511	142,992	104,195
620	43110	INVESTMENT EARNINGS	29,235	58,744	41,628	52,869
100	43230	LEASE, PROPERTY	155,937	209,003	135,138	137,923
100	43231	LEASE, RIVERFRONT	1,922,503	2,208,827	2,270,423	2,678,025
100	43233	SIDEWALK CAFE LEASES	1,050	600	800	800
100	43259	LEASE, FIBER	0	26,034	0	14,178
100	43,265	LEASE, TELECOMM	0	9,600	0	9,600
100	43320	LEASE, WHARFAGE	164,152	158,975	123,000	148,024
100	43325	LEASE, OTHER	0	240	120	120
43	USE OF MONEY AND PROPERTY	- Total	2,272,877	2,672,022	2,571,109	3,041,539
620	44405	FEMA PUBLIC ASSISTANCE	2,152	0	0	0
44	INTERGOVERNMENTAL	- Total	2,152	0	0	0
620	45701	STATE GRANTS	0	1,236	0	0
45	STATE GRANTS	- Total	0	1,236	0	0
620	51215	LATE PAYMENT PENALTY	28,845	31,295	28,845	31,295
610	51245	SEWER CONNECTION CHARGES	2,539	0	2,539	0
620	51805	STORMWATER USER FEE	4,224,607	4,539,386	4,849,462	5,180,637
620	51820	STORMWATER HALF RATE	28,178	30,466	32,131	32,131
51	CHARGES FOR SERVICES	- Total	4,284,168	4,601,147	4,912,977	5,244,063
100	53403	IA DISTRICT COURT FINES	0	85	0	85
800	53530	SPECIALIZED SERVICES	1,683,777	1,392,719	1,619,636	1,675,236
100	53605	MISCELLANEOUS REVENUE	673	572	0	400
100	53610	INSURANCE CLAIMS	12,725	0	0	0
620	53610	INSURANCE CLAIMS	0	41,262	0	0
100	53615	DAMAGE CLAIMS	1,348	0	0	0
100	53620	REIMBURSEMENTS-GENERAL	10,504	14,863	6,150	6,150
620	53620	REIMBURSEMENTS-GENERAL	1,873	8,748	1,873	1,873
620	53630	SALES TAX COLLECTION	145,662	156,452	166,099	178,403
53	MISCELLANEOUS	- Total	1,856,563	1,614,702	1,793,758	1,862,147
100	54105	LAND SALES	12	1	0	0
400	54210	GO BOND PROCEEDS	771,500	650	0	0
620	54210	GO BOND PROCEEDS	1,714,500	2,925	0	0
400	54220	BOND DISCOUNT	11,250	29	0	0
620	54220	BOND DISCOUNT	25,000	133	0	0
54	OTHER FINANCING SOURCES	- Total	2,522,262	3,739	0	0
400	59100	FR GENERAL	541,984	388,568	548,936	543,375
620	59102	FR DRA DISTRIBUTION	125,876	258,990	299,600	177,978
400	59240	FR DOWNTOWN TIF	340,766	343,800	334,350	339,900
400	59250	FR ROAD USE TAX	21,267	21,381	23,992	23,876
620	59255	FR SPECIAL ASSESSMENT	105	114	0	0
400	59300	FR STREET CONSTRUCTION	210,097	209,125	204,096	201,915
400	59340	FR SALES TAX INCREMENT	2,118,792	2,642,669	2,562,323	2,561,881
400	59350	FR SALES TAX CONSTRUCTION	19,209	32,890	18,748	18,496
620	59350	FR SALES TAX CONSTRUCTION	226,950	118,906	118,906	269,112
100	59610	FR WPC OPERATING	330,040	291,095	261,845	273,439
100	59620	FR STORMWATER OPERATING	76,041	68,174	72,400	82,032
100	59640	FR WATER UTILITY	20,184	52,397	56,741	43,750
59	TRANSFER IN AND INTERNAL	- Total	4,031,311	4,428,110	4,501,937	4,535,754
ENGINEERING - Total			15,151,643	13,371,467	13,922,773	14,787,698

Recommended Operating Expenditure Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Expense	FY19 Actual Expense	FY20 Adopted Budget	FY 21 Recomm'd Budget
100	61010	FULL-TIME EMPLOYEES	555,757	567,280	651,051	700,433
610	61010	FULL-TIME EMPLOYEES	59,279	66,646	89,908	77,781
620	61010	FULL-TIME EMPLOYEES	227,196	216,514	145,000	143,790
630	61010	FULL-TIME EMPLOYEES	0	1,398	0	2,069
640	61010	FULL-TIME EMPLOYEES	21,471	21,800	14,374	14,654
800	61010	FULL-TIME EMPLOYEES	1,144,644	1,065,354	1,136,419	1,189,268
100	61020	PART-TIME EMPLOYEES	8,539	2,601	0	0
610	61020	PART-TIME EMPLOYEES	0	3,388	0	0
620	61020	PART-TIME EMPLOYEES	24,179	31,312	74,638	75,480
640	61020	PART-TIME EMPLOYEES	0	2,069	0	0
800	61020	PART-TIME EMPLOYEES	36,235	1,261	0	0
100	61030	SEASONAL EMPLOYEES	12,006	24,852	17,050	7,423
610	61030	SEASONAL EMPLOYEES	258	710	0	0
620	61030	SEASONAL EMPLOYEES	4,366	7,168	0	0
640	61030	SEASONAL EMPLOYEES	0	418	0	0
800	61030	SEASONAL EMPLOYEES	49,238	79,307	34,100	29,692
100	61050	OVERTIME PAY	14,443	19,407	18,390	18,390
610	61050	OVERTIME PAY	1,022	1,306	0	0
620	61050	OVERTIME PAY	6,325	8,148	0	0
630	61050	OVERTIME PAY	0	71	0	0
640	61050	OVERTIME PAY	1,053	1,281	0	0
800	61050	OVERTIME PAY	27,942	49,770	54,250	54,250
610	61071	HOLIDAY PAY-OVERTIME	0	32	0	0
620	61071	HOLIDAY PAY-OVERTIME	0	79	0	0
640	61071	HOLIDAY PAY-OVERTIME	0	31	0	0
800	61071	HOLIDAY PAY-OVERTIME	0	283	0	0
100	61091	SICK LEAVE PAYOFF	7,769	9,554	11,977	11,976
100	61092	VACATION PAYOFF	9,300	7,918	0	0
620	61092	VACATION PAYOFF	7,579	0	0	0
100	61096	50% SICK LEAVE PAYOUT	0	0	0	12,138
620	61096	50% SICK LEAVE PAYOUT	0	0	0	2,335
100	61310	IPERS	51,936	56,644	63,567	68,558
610	61310	IPERS	5,418	6,737	8,489	7,342
620	61310	IPERS	23,121	24,174	20,735	20,699
630	61310	IPERS	0	139	0	195
640	61310	IPERS	2,016	2,377	1,357	1,384
800	61310	IPERS	111,330	109,461	115,622	117,391
100	61320	SOCIAL SECURITY	43,952	45,871	52,430	57,401
610	61320	SOCIAL SECURITY	4,268	5,200	6,879	5,950
620	61320	SOCIAL SECURITY	19,028	18,658	16,802	16,953
630	61320	SOCIAL SECURITY	0	99	0	158
640	61320	SOCIAL SECURITY	1,580	1,818	1,100	1,121
800	61320	SOCIAL SECURITY	90,759	86,396	93,698	97,398
100	61410	HEALTH INSURANCE	(106,753)	112,855	91,778	116,751
610	61410	HEALTH INSURANCE	24,319	21,609	12,461	11,068
620	61410	HEALTH INSURANCE	56,286	40,509	20,585	15,306
630	61410	HEALTH INSURANCE	0	296	0	368
640	61410	HEALTH INSURANCE	5,332	3,578	2,709	3,074

Recommended Operating Expenditure Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Expense	FY19 Actual Expense	FY20 Adopted Budget	FY 21 Recomm'd Budget
800	61410	HEALTH INSURANCE	222,761	0	154,196	185,116
100	61415	WORKMENS' COMPENSATION	42,143	14,337	14,773	16,705
610	61415	WORKMENS' COMPENSATION	9,455	2,110	2,451	2,880
620	61415	WORKMENS' COMPENSATION	26,788	5,451	5,725	6,223
640	61,415	WORKMENS' COMPENSATION	0	0	456	460
800	61415	WORKMENS' COMPENSATION	0	0	30,533	0
100	61416	LIFE INSURANCE	418	422	496	556
610	61416	LIFE INSURANCE	51	53	71	57
620	61416	LIFE INSURANCE	172	170	117	115
630	61416	LIFE INSURANCE	0	2	0	2
640	61416	LIFE INSURANCE	20	21	14	14
800	61416	LIFE INSURANCE	867	755	818	882
620	61417	UNEMPLOYMENT INSURANCE	5,031	0	5,031	2,516
100	61640	SAFETY EQUIPMENT	327	0	250	250
100	61660	EMPLOYEE PHYSICALS	888	1,887	250	2,084
620	61660	EMPLOYEE PHYSICALS	495	0	0	0
800	61660	EMPLOYEE PHYSICALS	0	134	0	134
100	61680	EMPLOYEE MOVING EXPENSE	0	1,750	0	0
61 - WAGES AND BENEFITS			2,860,608	2,753,468	2,970,550	3,098,790
100	62010	OFFICE SUPPLIES	6,635	7,066	6,634	7,065
250	62010	OFFICE SUPPLIES	0	208	0	208
610	62010	OFFICE SUPPLIES	0	8	0	8
620	62010	OFFICE SUPPLIES	0	283	0	198
100	62011	UNIFORM PURCHASES	0	0	400	400
100	62030	POSTAGE AND SHIPPING	2,324	2,440	2,395	2,950
610	62030	POSTAGE AND SHIPPING	25	169	26	186
620	62030	POSTAGE AND SHIPPING	307	323	316	355
100	62034	REPAIR PARTS/SUPPLIES	244	0	244	0
100	62050	OFFICE EQUIPMENT MAINT	0	428	1,740	900
100	62061	DP EQUIP. MAINT CONTRACTS	27,982	27,562	26,580	26,854
100	62090	PRINTING & BINDING	25	68	527	527
620	62090	PRINTING & BINDING	0	4,955	0	5,302
100	62110	COPYING/REPRODUCTION	5,823	4,458	6,231	4,459
610	62110	COPYING/REPRODUCTION	0	0	0	0
620	62110	COPYING/REPRODUCTION	356	417	381	417
100	62130	LEGAL NOTICES & ADS	223	2,985	223	2,985
610	62130	LEGAL NOTICES & ADS	0	27	0	27
620	62130	LEGAL NOTICES & ADS	0	534	0	533
630	62130	LEGAL NOTICES & ADS	0	40	0	40
100	62170	SUBSCRIPTIONS-BOOKS-MAPS	4,563	5,287	4,068	5,493
250	62170	SUBSCRIPTIONS-BOOKS-MAPS	0	352	735	710
610	62170	SUBSCRIPTIONS-BOOKS-MAPS	86	995	221	400
620	62170	SUBSCRIPTIONS-BOOKS-MAPS	0	0	126	322
100	62190	DUES & MEMBERSHIPS	2,898	2,410	4,584	6,551
250	62190	DUES & MEMBERSHIPS	0	410	995	995
610	62190	DUES & MEMBERSHIPS	0	0	0	510
620	62190	DUES & MEMBERSHIPS	0	0	648	541
610	62204	REFUNDS	1,721	0	1,721	0

Recommended Operating Expenditure Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Expense	FY19 Actual Expense	FY20 Adopted Budget	FY 21 Recomm'd Budget
620	62204	REFUNDS	1,518	1,484	1,518	1,484
100	62206	PROPERTY INSURANCE	5,052	29	33	30
250	62206	PROPERTY INSURANCE	0	14,414	14,414	15,135
620	62206	PROPERTY INSURANCE	0	1,952	2,214	2,050
100	62208	GENERAL LIABILITY INSURAN	15,992	16,441	17,445	17,263
250	62208	GENERAL LIABILITY INSURAN	1,007	0	0	0
610	62208	GENERAL LIABILITY INSURAN	4,062	3,758	3,987	3,946
620	62208	GENERAL LIABILITY INSURAN	0	348	0	366
620	62210	SALES TAX	146,943	153,999	166,099	178,403
100	62211	PROPERTY TAX	86,580	85,092	87,645	89,498
100	62212	TECH/OTHER EQUIP INSURANC	251	0	264	277
100	62230	COURT COSTS & RECORD FEES	1,636	540	1,636	540
100	62310	TRAVEL-CONFERENCES	14,436	15,610	18,469	22,207
250	62310	TRAVEL-CONFERENCES	3,185	4,638	5,334	5,334
610	62310	TRAVEL-CONFERENCES	0	0	1,730	1,730
620	62310	TRAVEL-CONFERENCES	3,953	5,826	5,993	5,993
100	62320	TRAVEL-CITY BUSINESS	188	559	644	644
620	62320	TRAVEL-CITY BUSINESS	295	1,381	124	124
100	62340	MILEAGE/LOCAL TRANSP	37	472	40	489
620	62340	MILEAGE/LOCAL TRANSP	0	77	0	80
100	62360	EDUCATION & TRAINING	6,794	11,616	34,321	34,449
250	62360	EDUCATION & TRAINING	3,700	3,132	6,077	6,077
610	62360	EDUCATION & TRAINING	695	471	1,674	1,777
620	62360	EDUCATION & TRAINING	2,497	2,329	6,916	6,943
100	62411	UTILITY EXP-ELECTRICITY	1,432	3,151	1,920	3,403
620	62411	UTILITY EXP-ELECTRICITY	5,251	19,008	5,250	20,529
100	62415	UTILITY EXPENSE STORMWATR	2,579	3,243	4,428	7,566
100	62416	UTILITY EXP-WATER	52	160	120	785
620	62419	UTILITY EXP-ELEC ST LTNG	542	1,604	542	1,764
100	62421	TELEPHONE	12,266	13,414	12,265	14,039
250	62421	TELEPHONE	1,295	1,306	1,920	1,306
610	62421	TELEPHONE	1,706	1,791	1,706	1,791
620	62421	TELEPHONE	1,970	2,148	1,970	2,148
800	62421	TELEPHONE	0	0	0	625
100	62424	RADIO/PAGER FEE	1,967	2,205	2,633	1,630
100	62431	PROPERTY MAINTENANCE	157	1,018	1,000	1,233
250	62431	PROPERTY MAINTENANCE	1,367	0	0	0
610	62431	PROPERTY MAINTENANCE	1,367	0	0	0
620	62431	PROPERTY MAINTENANCE	14,984	700	15,590	11,290
100	62436	RENTAL OF SPACE	9,354	7,920	14,314	13,096
620	62436	RENTAL OF SPACE	480	440	480	400
100	62438	FIRE SUPPRESSION	0	0	0	120
610	62438	FIRE SUPPRESSION	0	0	0	30
620	62438	FIRE SUPPRESSION	0	0	0	20
100	62511	FUEL, MOTOR VEHICLE	10,710	12,502	10,710	10,999
610	62511	FUEL, MOTOR VEHICLE	689	0	689	708
620	62511	FUEL, MOTOR VEHICLE	494	448	494	508
100	62521	MOTOR VEHICLE MAINT.	6,994	13,600	7,133	13,872

Recommended Operating Expenditure Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Expense	FY19 Actual Expense	FY20 Adopted Budget	FY 21 Recomm'd Budget
610	62521	MOTOR VEHICLE MAINT.	337	0	344	0
620	62521	MOTOR VEHICLE MAINT.	234	270	73	275
100	62522	VEHICLE MAINT., ACCIDENT	4,602	71	4,694	0
100	62528	MOTOR VEH. MAINT. OUTSOUR	1,358	1,933	1,386	1,386
100	62611	MACH/EQUIP MAINTENANCE	254	1,193	2,840	2,840
250	62611	MACH/EQUIP MAINTENANCE	22,000	22,000	22,000	24,000
610	62611	MACH/EQUIP MAINTENANCE	359	3,796	12,480	12,480
620	62611	MACH/EQUIP MAINTENANCE	15,575	8,242	15,575	23,817
100	62614	EQUIP MAINT CONTRACT	0	0	5,309	708
100	62627	CAMERA MAINTENANCE	401	23,118	23,900	23,900
250	62627	CAMERA MAINTENANCE	0	0	36,500	36,500
620	62627	CAMERA MAINTENANCE	3,192	2,976	3,192	0
100	62663	SOFTWARE LICENSE EXP	23,497	35,778	31,904	38,649
250	62663	SOFTWARE LICENSE EXP	37,235	43,127	116,522	137,221
610	62663	SOFTWARE LICENSE EXP	3,663	4,180	4,795	360
620	62663	SOFTWARE LICENSE EXP	20,169	5,940	8,973	4,970
100	62664	LICENSE/PERMIT FEES	650	0	650	650
620	62664	LICENSE/PERMIT FEES	0	1,250	0	1,250
100	62667	DATA SERVICES	1,912	2,336	5,520	5,692
250	62667	DATA SERVICES	5,033	4,761	7,920	4,856
610	62667	DATA SERVICES	341	404	2,400	2,400
620	62667	DATA SERVICES	1,081	1,124	2,400	2,400
800	62667	DATA SERVICES	0	0	0	480
620	62668	PROGRAM EQUIP/SUPPLIES	2,286	0	0	0
100	62671	MISC. OPERATING SUPPLIES	0	(25)	0	0
100	62683	FIELD OPERATIONS SUPPLIES	1,745	4,337	3,527	3,549
250	62683	FIELD OPERATIONS SUPPLIES	31	0	31	0
620	62683	FIELD OPERATIONS SUPPLIES	1,097	84	1,097	84
620	62692	LANDFILL FEES	8,452	0	0	0
100	62696	OUTSIDE COLLECTOR EXPENSE	8	91	8	91
620	62696	OUTSIDE COLLECTOR EXPENSE	2,583	1,643	2,583	1,643
620	62712	CONSULTING ENGINEERS	5,406	1,208	5,406	1,208
100	62713	LEGAL SERVICES	816	379	500	500
400	62713	LEGAL SERVICES	4,002	0	0	0
610	62713	LEGAL SERVICES	995	0	500	500
620	62713	LEGAL SERVICES	8,924	3,035	500	0
100	62716	CONSULTANT SERVICES	9,335	23,106	6,615	6,615
610	62716	CONSULTANT SERVICES	0	910	0	0
620	62716	CONSULTANT SERVICES	15,067	52,381	65,436	79,186
400	62721	FINANCIAL CONSULTANT	5,276	0	0	0
620	62721	FINANCIAL CONSULTANT	11,724	0	0	0
620	62726	AUDIT SERVICES	2,200	2,400	2,200	2,400
100	62731	MISCELLANEOUS SERVICES	1,206	17,026	0	0
400	62731	MISCELLANEOUS SERVICES	7,604	314	0	0
620	62731	MISCELLANEOUS SERVICES	16,898	1,412	0	0
100	62734	SPEAKERS/PROGRAMS	0	0	1,500	1,500
620	62734	SPEAKERS/PROGRAMS	0	2,033	0	0
610	62746	ONE CALL OPERATION	2,217	2,574	2,217	2,217

Recommended Operating Expenditure Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Expense	FY19 Actual Expense	FY20 Adopted Budget	FY 21 Recomm'd Budget
620	62746	ONE CALL OPERATION	2,217	2,550	2,217	2,217
640	62746	ONE CALL OPERATION	0	7	0	0
100	62756	EMPLOYEE RECOGNITION	73	516	500	500
100	62757	INSPECTION REIMBURSEMENT	33,209	101,789	36,000	36,000
100	62761	PAY TO OTHER AGENCY	15,000	20,000	20,000	20,000
620	62761	PAY TO OTHER AGENCY	45,646	46,787	47,957	97,957
100	62765	GRANTS	0	0	0	5,000
610	62765	GRANTS	0	13,116	10,000	10,000
620	62765	GRANTS	358,224	380,035	428,506	457,090
620	62767	ENVIRON. TESTING/MON.	1,215	0	3,715	3,715
620	62781	LAWN CARE SERVICES	9,425	12,145	15,000	15,000
100	62811	ENG. DIVISION SERVICES	0	17,334	21,000	21,000
62 - SUPPLIES AND SERVICES			1,142,461	1,339,936	1,504,928	1,664,443
620	62724	BOND PAYING AGENT FEE	692	0	0	0
627 - CONTRACTUAL SERVICES			692	0	0	0
100	71110	MISC. OFFICE EQUIPMENT	0	0	0	2,500
100	71112	TYPEWRITERS	331	0	200	200
250	71112	TYPEWRITERS	106	0	0	200
620	71112	TYPEWRITERS	0	0	0	200
100	71118	PROJECTOR/CAMERA	0	35	0	200
250	71118	PROJECTOR/CAMERA	11,804	14,556	19,200	22,400
100	71120	PERIPHERALS, COMPUTER	40	5,533	4,200	1,050
250	71120	PERIPHERALS, COMPUTER	0	2,677	0	0
610	71120	PERIPHERALS, COMPUTER	0	0	3,150	980
620	71120	PERIPHERALS, COMPUTER	0	1,730	1,050	0
100	71123	SOFTWARE	0	180	0	6,000
610	71123	SOFTWARE	0	0	0	1,500
620	71123	SOFTWARE	0	0	0	1,000
100	71124	COMPUTER	0	0	2,400	4,800
250	71124	COMPUTER	0	0	6,000	2,100
610	71124	COMPUTER	0	0	2,400	2,440
620	71124	COMPUTER	0	0	2,400	0
250	71125	SERVERS	105,437	67,028	85,500	156,425
250	71127	UPS SYSTEM	140	0	3,000	3,000
100	71129	SCANNER	0	0	15,000	0
100	71211	DESKS/CHAIRS	783	5,604	2,000	2,000
100	71215	STORAGE CABINETS	0	0	8,600	0
100	71216	FURNITURE MISCELLANEOUS	0	563	0	0
100	71310	AUTO/JEEP REPLACEMENT	0	44,038	31,500	55,500
100	71329	VEHICLE ACCESSORIES	0	2,515	0	0
250	71405	SWITCH	0	0	45,000	0
250	71406	BATTERY BACKUP SYSTEM	0	0	25,000	0
250	71407	CAMERA BATTERIES	0	0	12,000	0
250	71408	AXIS CAMERAS	0	0	74,400	0
250	71409	ITERIS CAMERAS	0	0	9,600	0
250	71410	SHOP EQUIPMENT	589	0	0	0
100	71411	TRAFFIC CONTROL EQUIPMENT	13,625	4,241	0	8,400
250	71411	TRAFFIC CONTROL EQUIPMENT	48,724	108,255	4,500	285,500

Recommended Operating Expenditure Budget - Department Total

55 - ENGINEERING

Fund	Account	Account Title	FY18 Actual Expense	FY19 Actual Expense	FY20 Adopted Budget	FY 21 Recomm'd Budget
100	71412	SURVEY EQUIPMENT	35,251	0	12,000	2,200
250	71412	SURVEY EQUIPMENT	0	4,500	0	0
100	71413	LABORATORY EQUIPMENT	133	6,386	4,000	1,000
610	71,511	PUMPS	11,438	11,699	6,000	6,000
100	71550	MISCELLANEOUS EQUIPMENT	148	0	0	0
610	72113	OTHER SAFETY EQUIPMENT	2,032	1,402	4,500	2,400
620	72113	OTHER SAFETY EQUIPMENT	0	0	2,500	2,500
100	72,116	SAFETY EQUIP., FIRE DEPT	0	0	0	720
610	72116	SAFETY EQUIP., FIRE DEPT	0	0	0	180
620	72116	SAFETY EQUIP., FIRE DEPT	0	0	0	120
100	72410	PAGER/RADIO EQUIPMENT	0	11,095	0	3,800
610	72,410	PAGER/RADIO EQUIPMENT	0	2,259	0	0
250	72414	TELEVISION	4,998	5,028	2,500	0
620	72415	ELECTRONIC DATA COLLECTOR	0	0	1,100	1,100
100	72417	CAMERA RELATED EQUIPMENT	303	0	0	6,500
250	72,417	CAMERA RELATED EQUIPMENT	0	549	0	0
100	72418	TELEPHONE RELATED	1,169	2,476	792	4,550
250	72418	TELEPHONE RELATED	389	23	346	350
610	72418	TELEPHONE RELATED	100	517	100	1,050
620	72,418	TELEPHONE RELATED	379	430	346	700
610	72510	FLOW TEST EQUIPMENT	2,459	3,345	0	0
620	72510	FLOW TEST EQUIPMENT	0	1,050	2,000	0
100	72515	TEST EQUIPMENT, OTHER	0	860	320	0
71 - EQUIPMENT			240,378	308,573	393,604	589,565
100	73210	CONST CONTRACT-BLDG	0	0	6,800	0
610	73211	CONST.CONTR-NOT BLDG	52,071	398	100,000	92,868
620	73211	CONST.CONTR-NOT BLDG	101,271	13,000	65,790	65,000
73 - CIP EXPENDITURES			153,342	13,398	172,590	157,868
400	74111	PRINCIPAL PAYMENT	2,308,537	2,113,465	2,149,239	2,188,864
620	74111	PRINCIPAL PAYMENT	2,974,050	1,291,254	1,362,242	2,039,980
400	74112	INTEREST PAYMENT	1,709,135	1,666,658	1,543,206	1,500,579
620	74112	INTEREST PAYMENT	620,431	575,623	799,017	719,465
74 - DEBT SERVICE			7,612,152	5,647,000	5,853,704	6,448,888
620	91100	TO GENERAL	470,674	469,385	527,544	608,650
620	91720	TO STORM SEWER CONST	0	1,525,000	1,210,000	880,000
91 - TRANSFER TO			470,674	1,994,385	1,737,544	1,488,650
55 - ENGINEERING TOTAL			12,480,308	12,056,759	12,632,920	13,448,204

Recommended Expenditure Budget Report by Activity & Funding Source

55 - ENGINEERING

ENGINEERING ADMIN. - 55100

FUNDING SOURCE: ENGINEERING SERVICE

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	—	6,800	—
EQUIPMENT	13,384	12,546	8,200
SUPPLIES AND SERVICES	83,658	92,325	96,949
WAGES AND BENEFITS	1,600,276	388,030	358,144
ENGINEERING ADMIN.	1,697,318	499,701	463,293
LEASES	- 55150		

FUNDING SOURCE: GENERAL

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	89,681	94,596	98,890
WAGES AND BENEFITS	16,066	—	11,724
LEASES	105,746	94,596	110,614
PROJECT ENGINEERING	- 55400		

FUNDING SOURCE: DEBT SERVICE

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	398	100,000	92,868
DEBT SERVICE	1,137,454	1,130,122	1,127,562
EQUIPMENT	282,944	367,162	551,345
SUPPLIES AND SERVICES	270,955	418,432	447,713
WAGES AND BENEFITS	716,698	1,383,810	1,529,161
PROJECT ENGINEERING	2,408,448	3,399,526	3,748,649
SUBDIVISION INSPECTIONS - 55405			

FUNDING SOURCE: GENERAL

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	136,606	57,521	57,476
WAGES AND BENEFITS	8,484	24,701	26,730
SUBDIVISION INSPECTIONS	145,090	82,222	84,206
FATS OILS GREASE - 55500			

FUNDING SOURCE: SEWAGE FACILITY OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	8	—	8
FATS OILS GREASE	8	—	8
SANITARY SEWER INT SERV - 55610			

FUNDING SOURCE: ENGINEERING SERVICE

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
WAGES AND BENEFITS	—	277,090	352,137
SANITARY SEWER INT SERV	—	277,090	352,137
STORMWATER UTILITY O&M - 55620			

Recommended Expenditure Budget Report by Activity & Funding Source

55 - ENGINEERING

FUNDING SOURCE: ENGINEERING SERVICE

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	6,600	50,000	50,000
CONTRACTUAL SERVICES	—	—	—
DEBT SERVICE	1,866,877	2,161,259	2,759,445
EQUIPMENT	3,210	9,396	5,620
SUPPLIES AND SERVICES	677,743	732,612	836,551
TRANSFER TO	1,994,385	1,737,544	1,488,650
WAGES AND BENEFITS	113,818	584,326	472,500
STORMWATER UTILITY O&M	4,662,633	5,275,137	5,612,766
RESIDENTIAL PARKING	- 55630		

FUNDING SOURCE: PARKING OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	40	0	40
WAGES AND BENEFITS	2,004	—	2,792
RESIDENTIAL PARKING	2,045	—	2,832
TRAFFIC ENGINEERING	- 55700		

FUNDING SOURCE: ENGINEERING SERVICE

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
EQUIPMENT	9,035	4,500	24,400
SUPPLIES AND SERVICES	35,344	28,563	30,385
WAGES AND BENEFITS	57,624	125,842	148,652
TRAFFIC ENGINEERING	102,003	158,905	203,437
NPDES DISCHARGE ELIM SYST- 55750			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	1,350	793	2,154
WAGES AND BENEFITS	24,187	5,032	6,529
NPDES DISCHARGE ELIM SYST	25,536	5,825	8,683
NPDES EROSION & SED CONTR- 55751			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	77	1,892	1,972
WAGES AND BENEFITS	25,157	37,195	2,151
NPDES EROSION & SED CONTR	25,234	39,087	4,123
NPDES DISCHARGE DETECTION- 55752			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	712	548	817
WAGES AND BENEFITS	4,305	1,860	1,320

Recommended Expenditure Budget Report by Activity & Funding Source

55 - ENGINEERING

NPDES DISCHARGE DETECTION	5,017	2,408	2,137
NPDES MUNICIPAL OPERATION- 55753			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	—	790	—
WAGES AND BENEFITS	9,636	5,804	5,347
NPDES MUNICIPAL OPERATION			
	9,636	6,594	5,347
NPDES PUBLIC EDUCATION - 55754			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	7,024	1,500	10,552
WAGES AND BENEFITS	19,394	5,834	12,942
NPDES PUBLIC EDUCATION			
	26,418	7,334	23,494
NPDES PUBLIC PARTICIPATIO- 55755			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	2,314	5,000	5,000
WAGES AND BENEFITS	35,744	1,862	9,148
NPDES PUBLIC PARTICIPATIO			
	38,057	6,862	14,148
NPDES POST CONSTRUCTION - 55756			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	2,450	—	—
SUPPLIES AND SERVICES	13,597	5,032	5,032
WAGES AND BENEFITS	45,600	34,341	49,641
NPDES POST CONSTRUCTION			
	61,647	39,373	54,673
SALES TAX INCR DEBT - 55800			

FUNDING SOURCE: DEBT SERVICE

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
DEBT SERVICE	2,642,669	2,562,323	2,561,881
SALES TAX INCR DEBT			
	2,642,669	2,562,323	2,561,881
STORMWATER I & I PREVENT - 55900			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	—	—	—
SUPPLIES AND SERVICES	4,500	10,693	10,803
WAGES AND BENEFITS	67,365	94,823	109,872
STORMWATER I & I PREVENT			
	71,865	105,516	120,675
STORMWATER DITCH REMEDIAT- 55910			

FUNDING SOURCE: STORM WATER OPERATION

Recommended Expenditure Budget Report by Activity & Funding Source
55 - ENGINEERING

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	3,950	—	—
SUPPLIES AND SERVICES	453	5,000	10,000
WAGES AND BENEFITS	3,785	0	0
STORMWATER DITCH REMEDIAT	8,188	5,000	10,000
STREAMBANK REHAB ASSIST - 55911			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	—	5,000	5,000
STREAMBANK REHAB ASSIST	—	5,000	5,000
DETENTION BASIN MAINTENAN- 55920			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
CIP EXPENDITURES	—	15,000	15,000
SUPPLIES AND SERVICES	16,001	41,251	40,931
WAGES AND BENEFITS	3,326	—	—
DETENTION BASIN MAINTENAN	19,327	56,251	55,931
STORM SEWER INSP & CLEAN - 55930			

FUNDING SOURCE: STORM WATER OPERATION

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	0	4,170	4,170
STORM SEWER INSP & CLEAN	0	4,170	4,170
PCARD CLEARING - 99999			

FUNDING SOURCE: GENERAL

Account	FY19 Actual Expense	FY20 Adopted Budget	FY21 Recomm'd Budget
SUPPLIES AND SERVICES	(127)	0	0
PCARD CLEARING ENGINEERIN	(127)	0	0
ENGINEERING TOTAL	\$12,056,759	\$12,632,920	\$13,448,204

CITY OF DUBUQUE, IOWA
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT

55 ENGINEERING DEPARTMENT

FD	JC	WP-	JOB CLASS	FY 2019		FY 2020		FY 2021	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
61010 Full Time Employee Expense									
100	9425	GE-44	CITY ENGINEER	0.25	\$ 34,431	0.30	\$ 42,261	0.30	\$ 42,732
610	9425	GE-44	CITY ENGINEER	0.10	\$ 13,772	0.15	\$ 21,131	0.15	\$ 21,366
620	9425	GE-44	CITY ENGINEER	0.10	\$ 13,772	0.15	\$ 21,131	0.15	\$ 21,366
800	9425	GE-44	CITY ENGINEER	0.55	\$ 75,748	0.40	\$ 56,349	0.40	\$ 54,220
100	3125	GE-40	ASSISTANT CITY ENGINEER	0.25	\$ 27,375	0.30	\$ 33,764	0.30	\$ 34,136
800	3125	GE-40	ASSISTANT CITY ENGINEER	0.75	\$ 82,126	0.70	\$ 78,782	0.70	\$ 79,652
100	4060	GE-40	PROJECT MANAGER	0.40	\$ 43,170	0.40	\$ 44,153	0.40	\$ 44,639
610	4060	GE-40	PROJECT MANAGER	0.10	\$ 10,793	0.10	\$ 11,038	0.10	\$ 11,160
800	4060	GE-40	PROJECT MANAGER	0.50	\$ 53,962	0.50	\$ 55,190	0.50	\$ 55,800
100		GE-35	CIVIL ENGINEER I	0.00	\$ —	0.00	\$ —	0.25	\$ 21,292
800		GE-35	CIVIL ENGINEER I	0.00	\$ —	0.00	\$ —	0.75	\$ 62,030
620	5525	GE-38	CIVIL ENGINEER II	0.15	\$ 14,604	0.20	\$ 19,951	0.77	\$ 76,511
610	5525	GE-38	CIVIL ENGINEER II	0.10	\$ 9,799	0.10	\$ 10,024	0.10	\$ 9,988
100	5525	GE-38	CIVIL ENGINEER II	0.95	\$ 89,134	0.95	\$ 91,171	0.80	\$ 80,990
800	5525	GE-38	CIVIL ENGINEER II	2.80	\$ 262,024	2.75	\$ 263,001	2.33	\$ 234,013
100		GE-28	CAMERA SYSTEMS TECHNICIAN	0.00	\$ —	0.00	\$ —	0.50	\$ 23,239
800		GE-28	CAMERA SYSTEMS TECHNICIAN	0.00	\$ —	0.00	\$ —	0.50	\$ 23,239
100	5,700	GE-36	SURVEYOR	0.80	\$ 68,446	0.80	\$ 70,622	0.80	\$ 55,693
800	5,700	GE-36	SURVEYOR	0.20	\$ 17,112	0.20	\$ 17,656	0.20	\$ 17,854
100	5550	GE-33	TRAFFIC ENGINEERING	0.87	\$ 18,807	0.00	\$ —	0.00	\$ —
800	5550	GE-33	TRAFFIC ENGINEERING	0.13	\$ 2,810	0.00	\$ —	0.00	\$ —
100		GE-35	TRAFFIC ENGINEER	0.60	\$ 49,032	1.47	\$ 108,299	1.37	\$ 101,053
800		GE-35	TRAFFIC ENGINEER	0.40	\$ 32,689	0.53	\$ 42,120	0.63	\$ 51,038
100	5575	GE-33	SURVEY PARTY CHIEF	0.15	\$ 11,354	0.15	\$ 11,611	0.15	\$ 11,401
800	5575	GE-33	SURVEY PARTY CHIEF	0.85	\$ 64,337	0.85	\$ 65,795	0.85	\$ 66,522
100		GE-31	ROW TECHNICAN	0.00	\$ —	0.90	\$ 48,594	0.90	\$ 46,529
800		GE-31	ROW TECHNICAN	0.00	\$ —	0.10	\$ 5,399	0.10	\$ 5,757
100	2700	GE-31	ENGINEERING ASSISTANT II	1.00	\$ 68,555	0.10	\$ 6,999	0.10	\$ 7,097
620	2700	GE-31	ENGINEERING ASSISTANT II	0.10	\$ 6,796	0.10	\$ 6,999	0.10	\$ 7,097
800	2700	GE-31	ENGINEERING ASSISTANT II	0.90	\$ 61,236	0.80	\$ 55,990	0.80	\$ 56,774
100	2700	GE-31	ENGINEERING TECHNICAN	1.90	\$ 127,219	1.90	\$ 116,196	1.90	\$ 126,691
610	2700	GE-31	ENGINEERING TECHNICAN	0.05	\$ 3,301	0.10	\$ 6,784	0.10	\$ 6,860
620	2700	GE-31	ENGINEERING TECHNICAN	0.95	\$ 62,449	1.00	\$ 68,356	0.15	\$ 10,409
630	2700	GE-31	ENGINEERING TECHNICAN	0.00	\$ —	0.00	\$ —	0.03	\$ 2,069
800	2700	GE-31	ENGINEERING TECHNICAN	6.10	\$ 405,100	6.00	\$ 394,773	5.82	\$ 393,387
100	2,725	GE-30	SURVEY TECHNICIAN	0.15	\$ 9,645	0.15	\$ 9,881	0.15	\$ 9,606
800	2,725	GE-30	SURVEY TECHNICIAN	0.85	\$ 54,637	0.85	\$ 55,992	0.85	\$ 56,610
100	4,870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
610	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
620	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
640	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
100	225	GE-25	SECRETARY	0.25	\$ 12,044	0.25	\$ 12,368	0.80	\$ 40,021
610	225	GE-25	SECRETARY	0.25	\$ 12,044	0.25	\$ 12,368	0.05	\$ 2,501
620	225	GE-25	SECRETARY	0.00	\$ —	0.00	\$ —	0.05	\$ 2,501
800	225	GE-25	SECRETARY	0.50	\$ 24,088	0.50	\$ 24,736	0.10	\$ 5,002
100	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.50	\$ 23,712	0.90	\$ 40,758	0.90	\$ 41,004
610	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.25	\$ 11,856	0.30	\$ 14,189	0.25	\$ 11,252
620	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.25	\$ 11,856	0.30	\$ 14,189	0.25	\$ 11,252
800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.00	\$ —	0.50	\$ 20,636	0.60	\$ 27,714
TOTAL FULL TIME EMPLOYEES				26.0	\$ 1,946,051	27.0	\$ 2,036,752	28.0	\$ 2,128,683

CITY OF DUBUQUE, IOWA
DEPARTMENT DETAIL - PERSONNEL COMPLEMENT

55 ENGINEERING DEPARTMENT

FD	JC	WP-	JOB CLASS	FY 2019		FY 2020		FY 2021	
				FTE	BUDGET	FTE	BUDGET	FTE	BUDGET
61020 Part-Time Employee Expense									
620		GE-26	I&I INSPECTOR	1.48	\$ 73,974	1.46	\$ 74,638	1.46	\$ 75,480
100	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.35	\$ 13,395	0.00	\$ —	0.00	\$ —
800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.90	\$ 34,445	0.00	\$ —	0.00	\$ —
TOTAL PART TIME EMPLOYEES				2.73	\$ 121,814	1.46	\$ 74,638	1.46	\$ 75,480
61030 Seasonal Employee Expense									
100	5325	NA-34	ENGINEERING AIDE-SEASONAL	0.50	\$ 16,672	0.50	\$ 17,050	0.00	\$ —
100		NA-34	ENGINEERING INTERN	0.00	\$ —	0.00	\$ —	0.25	\$ 7,423
800		NA-34	ENGINEERING INTERN	0.00	\$ —	0.00	\$ —	1.00	\$ 29,692
800	5325	NA-34	ENGINEERING AIDE-SEASONAL	1.00	\$ 33,344	1.00	\$ 34,100	0.00	\$ —
TOTAL SEASONAL EMPLOYEES				1.50	\$ 50,016	1.50	\$ 51,150	1.25	\$ 37,115
TOTAL ENGINEERING				30.23	\$ 2,117,881	29.96	\$ 2,162,540	30.71	\$ 2,241,278

CITY OF DUBUQUE, IOWA
ACTIVITY PERSONNEL COMPLEMENT SUMMARY

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2019		FY 2020		FY 2021		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
Engineering Administration-FT General Fund											
10055100	61010	100	225	GE-25	SECRETARY	0.25	\$ 12,044	0.25	\$ 12,368	0.05	\$ 2,501
10055100	61010	100	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.25	\$ 11,856	0.65	\$ 28,633	0.65	\$ 29,752
10055100	61010	100	3125	GE-40	ASSISTANT CITY ENGINEER	0.25	\$ 27,375	0.30	\$ 33,764	0.30	\$ 34,136
10055100	61010	100	4060	GE-40	PROJECT MANAGER	0.40	\$ 43,170	0.40	\$ 44,153	0.40	\$ 44,639
10055100	61010	100	9425	GE-44	CITY ENGINEER	0.25	\$ 34,431	0.30	\$ 42,261	0.30	\$ 42,732
Total						1.40	\$ 128,876	1.90	\$ 161,179	1.70	\$ 153,760
Engineering Administration-PT General Fund											
10055100	61020	100	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.35	\$ 13,395	0.00	\$ —	0.00	\$ —
Total						0.35	\$ 13,395	0.00	\$ —	0.00	\$ —
Engineering Administration-Seasonal General Fund											
10055100	61030	100		NA-34	ENGINEERING AIDE	0.00	\$ —	0.25	\$ 8,525	0.00	\$ —
Total						0.00	\$ —	0.25	\$ 8,525	0.00	\$ —
Engineering Administration-FT Service Fund											
80055100	61010	800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.00	\$ —	0.05	\$ 2,064	0.00	\$ —
80055100	61010	800	3125	GE-38	ASSISTANT CITY ENGINEER	0.75	\$ 82,126	0.70	\$ 78,782	0.70	\$ 79,652
80055100	61010	800	4060	GE-40	PROJECT MANAGER	0.10	\$ 10,793	0.10	\$ 11,038	0.10	\$ 11,160
80055100	61010	800	225	GE-25	SECRETARY	0.25	\$ 12,044	0.25	\$ 12,368	0.00	\$ —
80055100	61010	800	9425	GE-44	CITY ENGINEER	0.25	\$ 34,431	0.15	\$ 21,131	0.15	\$ 21,366
Total						1.35	\$ 139,394	1.25	\$ 125,383	0.95	\$ 112,178
Engineering Leases - FT General Fund											
10055150	61010	100		GE-25	CONFIDENTIAL ACCOUNT CLERK	0.00	\$ —	0.00	\$ —	0.05	\$ 2,324
Total						0.00	\$ —	0.00	\$ —	0.05	\$ 2,324
Engineering Leases - FT General Fund											
10055150	61010	100		NA-24	ENGINEERING INTERN	0.00	\$ —	0.00	\$ —	0.25	\$ 7,423
Total						0.00	\$ —	0.00	\$ —	0.25	\$ 7,423
Project Engineering-FT General Fund											
10055400	61010	100	2700	GE-31	ENGINEERING ASSISTANT II	1.00	\$ 68,555	0.10	\$ 6,999	0.10	\$ 7,097
10055400	61010	100		GE-31	ROW TECHNICIAN	0.00	\$ —	0.90	\$ 48,594	0.90	\$ 46,529
10055400	61010	100	2220	GE-31	ENGINEERING TECHNICIAN	1.60	\$ 107,277	1.60	\$ 98,444	1.60	\$ 107,514
10055400	61010	100	2725	GE-30	SURVEY TECHNICIAN	0.15	\$ 9,645	0.15	\$ 9,881	0.15	\$ 9,606
10055400	61010	100	5575	GE-33	SURVEY PARTY CHIEF	0.15	\$ 11,354	0.15	\$ 11,611	0.15	\$ 11,401
10055400	61010	100	4710	GE-35	TRAFFIC ENGINEER	0.60	\$ 49,032	0.60	\$ 50,147	0.50	\$ 42,251
10055400	61010	100		GE-35	CIVIL ENGINEER I	0.00	\$ —	0.00	\$ —	0.25	\$ 21,292
10055400	61010	100		GE-28	CAMERA SYSTEMS TECHNICIAN	0.00	\$ —	0.00	\$ —	0.50	\$ 23,239
10055400	61010	100		GE-25	SECRETARY	0.00	\$ —	0.00	\$ —	0.45	\$ 22,512
10055400	61010	100	5525	GE-38	CIVIL ENGINEER II	0.95	\$ 89,134	0.95	\$ 91,171	0.80	\$ 80,990
10055400	61010	100	5700	GE-36	SURVEYOR	0.80	\$ 68,446	0.80	\$ 70,622	0.80	\$ 55,693
Total						5.25	\$ 403,443	5.25	\$ 387,469	6.20	\$ 428,124
Project Engineering-Seasonal General Fund											
10055400	61030	100	5325	NA-34	ENGINEERING AIDE-SEASONAL	0.50	\$ 16,672	0.25	\$ 8,525	0.00	\$ —
Total						0.50	\$ 16,672	0.25	\$ 8,525	0.00	\$ —
Project Engineering Subdivision Inspection-FT General Fund											
10055405	61010	100	2220	GE-31	ENGINEERING TECHNICIAN	0.30	\$ 19,942	0.30	\$ 17,752	0.30	\$ 19,177
Total						0.30	\$ 19,942	0.30	\$ 17,752	0.30	\$ 19,177

CITY OF DUBUQUE, IOWA
ACTIVITY PERSONNEL COMPLEMENT SUMMARY

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2019		FY 2020		FY 2021		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
Project Engineering-FT Service Fund											
80055400	61010	800		GE-28	CAMERA SYSTEMS TECHNICIAN	0.00	\$ —	0.00	\$ —	0.50	\$ 23,239
80055400	61010	800		GE-31	ROW TECHNICIAN	0.00	\$ —	0.10	\$ 5,399	0.10	\$ 5,757
80055400	61010	800	2700	GE-31	ENGINEERING ASSISTANT II	0.50	\$ 34,049	0.40	\$ 27,995	0.40	\$ 28,387
80055400	61010	800		GE-25	CONFIDENTIAL ACCOUNT CLERK	0.00	\$ —	0.00	\$ —	0.05	\$ 2,232
80055400	61010	800		GE-35	CIVIL ENGINEER I	0.00	\$ —	0.00	\$ —	0.55	\$ 45,488
80055400	61010	800	2220	GE-31	ENGINEERING TECHNICIAN	2.90	\$ 193,636	2.50	\$ 161,223	2.67	\$ 179,946
80055400	61010	800	2725	GE-30	SURVEY TECHNICIAN	0.30	\$ 19,272	0.30	\$ 19,762	0.30	\$ 19,980
80055400	61010	800	5575	GE-33	SURVEY PARTY CHIEF	0.30	\$ 22,707	0.30	\$ 23,222	0.30	\$ 23,478
80055400	61010	800	5525	GE-38	CIVIL ENGINEER II	1.55	\$ 139,913	1.55	\$ 143,105	1.20	\$ 120,746
80055400	61010	800	4710	GE-35	TRAFFIC ENGINEER	0.40	\$ 32,689	0.40	\$ 33,431	0.50	\$ 42,251
80055400	61010	800	5700	GE-36	SURVEYOR	0.20	\$ 17,112	0.20	\$ 17,656	0.20	\$ 17,854
Total						6.15	\$ 459,378	5.75	\$ 431,793	6.77	\$ 509,358
Project Engineering-Seasonal Service Fund											
80055400	61030	800	5325	NA-34	ENGINEERING AIDE-SEASONAL	1.00	\$ 33,344	1.00	\$ 34,100	1.00	\$ 29,692
Total						1.00	\$ 33,344	1.00	\$ 34,100	1.00	\$ 29,692
Traffic Engineering-FT General Fund											
10055700	61010	100	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.25	\$ 11,856	0.25	\$ 12,125	0.20	\$ 8,928
10055700	61010	100		GE-25	SECRETARY					0.30	\$ 15,008
10055700	61010	100	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
10055700	61010	100		GE-35	TRAFFIC ENGINEER	0.00	\$ —	0.87	\$ 58,152	0.87	\$ 58,802
10055700	61010	100	5550	GE-33	TRAFFIC ENGINEERING ASSIST	0.87	\$ 18,807	0.00	\$ —	0.00	\$ —
Total						1.37	\$ 44,717	1.37	\$ 84,651	1.62	\$ 97,392
Traffic Engineering-FT Service Fund											
80055700	61010	800	5550	GE-33	TRAFFIC ENGINEERING ASSIST	0.13	\$ 2,810	0.00	\$ —	0.00	\$ —
80055700	61010	800		GE-35	TRAFFIC ENGINEER	0.00	\$ —	0.13	\$ 8,689	0.13	\$ 8,787
Total						0.13	\$ 2,810	0.13	\$ 8,689	0.13	\$ 8,787
Project Engineering-FT Sewer Fund											
61055400	61010	610	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
61055400	61010	610	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.25	\$ 11,856	0.30	\$ 14,189	0.25	\$ 11,252
61055400	61010	610	5525	GE-38	CIVIL ENGINEER II	0.10	\$ 9,799	0.10	\$ 10,024	0.10	\$ 9,988
61055400	61010	610	4060	GE-40	PROJECT MANAGER	0.10	\$ 10,793	0.10	\$ 11,038	0.10	\$ 11,160
61055400	61010	610	9425	GE-44	CITY ENGINEER	0.10	\$ 13,772	0.15	\$ 21,131	0.15	\$ 21,366
61055400	61010	610	2710	GE-26	I&I INSPECTOR	0.00	\$ —	0.00	\$ —	0.00	\$ —
61055400	61010	610	225	GE-25	SECRETARY	0.25	\$ 12,044	0.25	\$ 12,368	0.05	\$ 2,501
61055400	61010	610	2220	GE-31	ENGINEERING TECHNICIAN	0.05	\$ 3,301	0.10	\$ 6,784	0.10	\$ 6,860
Total						1.10	\$ 75,619	1.25	\$ 89,908	1.00	\$ 77,781
NPDES PERMIT-FT Stormwater Fund											
62055750	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.04	\$ 2,614	0.04	\$ 2,731	0.00	\$ —
62055750	61010	620	1900	GE-38	CIVIL ENGINEER II	0.01	\$ 980	0.01	\$ 1,002	0.03	\$ 3,011
62055751	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.40	\$ 26,141	0.40	\$ 27,322	0.00	\$ —
62055751	61010	620	2230	GE-38	CIVIL ENGINEER II	0.00	\$ —	0.00	\$ —	0.01	\$ 984
62055752	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.02	\$ 1,307	0.02	\$ 1,367	0.00	\$ —
62055752	61010	620	2230	GE-38	CIVIL ENGINEER II	0.00	\$ —	0.00	\$ —	0.01	\$ 984
62055753	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.02	\$ 1,307	0.02	\$ 1,367	0.00	\$ —
62055753	61010	620	1900	GE-38	CIVIL ENGINEER II	0.03	\$ 2,940	0.03	\$ 3,008	0.04	\$ 4,025
62055754	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.05	\$ 3,431	0.05	\$ 3,415	0.00	\$ —
62055754	61010	620	1900	GE-38	CIVIL ENGINEER II	0.00	\$ —	0.01	\$ 1,002	0.10	\$ 9,988
62055755	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.02	\$ 1,372	0.02	\$ 1,367	0.00	\$ —
62055755	61010	620		GE-38	CIVIL ENGINEER II	0.00	\$ —	0.00	\$ —	0.07	\$ 7,036

CITY OF DUBUQUE, IOWA
ACTIVITY PERSONNEL COMPLEMENT SUMMARY

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2019		FY 2020		FY 2021		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
62055756	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.30	\$ 19,606	0.30	\$ 20,493	0.00	\$ —
62055756	61010	620	1900	GE-38	CIVIL ENGINEER II	0.01	\$ 980	0.05	\$ 5,012	0.38	\$ 37,690
Total						0.90	\$ 60,678	0.95	\$ 68,086	0.64	\$ 63,718
Sanitary Utility -FT Service Fund											
80055610	61010	800	5525	GE-38	CIVIL ENGINEER II	0.00	\$ —	0.00	\$ —	0.45	\$ 44,431
80055610	61010	800		GE-35	CIVIL ENGINEER I					0.10	\$ 8,271
80055610	61010	800	9425	GE-44	CITY ENGINEER	0.20	\$ 27,545	0.15	\$ 21,131	0.15	\$ 21,366
80055610	61010	800	2220	GE-31	ENGINEERING TECHNICIAN	1.50	\$ 99,041	1.65	\$ 109,630	1.80	\$ 121,911
80055610	61010	800	2725	GE-30	SURVEY TECHNICIAN	0.30	\$ 19,290	0.30	\$ 19,762	0.30	\$ 19,980
80055610	61010	800	5575	GE-33	SURVEY PARTY CHIEF	0.30	\$ 22,707	0.30	\$ 23,222	0.30	\$ 23,478
80055610	61010	800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.00	\$ —	0.10	\$ 4,127	0.15	\$ 6,982
80055610	61010	800	225	GE-25	SECRETARY	0.25	\$ 12,044	0.25	\$ 12,368	0.05	\$ 2,501
80055610	61010	800	4060	GE-40	PROJECT MANAGER	0.15	\$ 16,188	0.15	\$ 16,557	0.15	\$ 16,740
Total						2.70	\$ 196,815	2.90	\$ 206,797	3.45	\$ 265,660
Sanitary Utility -PT Service Fund											
80055610	61010	800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.15	\$ 5,741	0.00	\$ —	0.00	\$ —
Total						0.15	\$ 5,741	0.00	\$ —	0.00	\$ —
Project Engineering-FT Stormwater Fund											
62055620	61010	620	2220	GE-31	ENGINEERING TECHNICIAN	0.10	\$ 6,671	0.15	\$ 10,294	0.15	\$ 10,409
62055620	61010	620	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
62055620	61010	620	1000	GE-33	CONFIDENTIAL ACCOUNT CLERK	0.25	\$ 11,856	0.30	\$ 14,189	0.25	\$ 11,252
62055620	61010	620	9425	GE-44	CITY ENGINEER	0.10	\$ 13,772	0.15	\$ 21,131	0.15	\$ 21,366
62055620	61010	620	2700	GE-31	ENGINEERING ASST II	0.10	\$ 6,796	0.10	\$ 6,999	0.10	\$ 7,097
62055620	61010	620	225	GE-25	SECRETARY	0.00	\$ —	0.00	\$ —	0.05	\$ 2,501
62055620	61010	620	1900	GE-38	CIVIL ENGINEER II	0.10	\$ 9,704	0.10	\$ 9,927	0.00	\$ —
Total						0.90	\$ 62,853	1.05	\$ 76,914	0.95	\$ 67,279
Stormwater Utility FT Stormwater											
62055900	61010	620	2230	GE-38	CIVIL ENGINEER II	0.00	\$ —	0.00	\$ —	0.13	\$ 12,793
Total						0.00	\$ —	0.00	\$ —	0.13	\$ 12,793
Stormwater Utility -PT Stormwater											
62055900	61020	620	2710	GE-26	I&I INSPECTOR	1.48	\$ 73,974	1.46	\$ 74,638	1.46	\$ 75,480
Total						1.48	\$ 73,974	1.46	\$ 74,638	1.46	\$ 75,480
Stormwater Utility -FT Service Fund											
80055620	61010	800	5525	GE-38	CIVIL ENGINEER II	1.25	\$ 122,111	1.20	\$ 119,896	0.68	\$ 68,836
80055620	61010	800	9425	GE-44	CITY ENGINEER	0.10	\$ 13,772	0.10	\$ 14,087	0.10	\$ 11,488
80055620	61010	800		GE-35	CIVIL ENGINEER I	0.00	\$ —	0.00	\$ —	0.10	\$ 8,271
80055620	61010	800		GE-25	SECRETARY	0.00	\$ —	0.00	\$ —	0.05	\$ 2,501
80055620	61010	800	2220	GE-31	ENGINEERING TECHNICIAN	1.70	\$ 112,423	1.85	\$ 123,920	1.35	\$ 91,530
80055620	61010	800	2700	GE-31	ENGINEERING ASST II	0.40	\$ 27,187	0.40	\$ 27,995	0.40	\$ 28,387
80055620	61010	800	2725	GE-30	SURVEY TECHNICIAN	0.25	\$ 16,075	0.25	\$ 16,468	0.25	\$ 16,650
80055620	61010	800	4060	GE-40	PROJECT MANAGER	0.25	\$ 26,981	0.25	\$ 27,595	0.25	\$ 27,900
80055620	61010	800	5575	GE-33	SURVEY PARTY CHIEF	0.25	\$ 18,923	0.25	\$ 19,351	0.25	\$ 19,566
80055620	61010	800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.00	\$ —	0.35	\$ 14,445	0.40	\$ 18,500
80055620	61010	800	2710	GE-26	I&I INSPECTOR	0.00	\$ —	0.00	\$ —	0.00	\$ —
Total						4.20	\$ 337,472	4.65	\$ 363,757	3.83	\$ 293,629
Stormwater Utility -PT Service Fund											
80055620	61020	800	1000	GE-25	CONFIDENTIAL ACCOUNT CLERK	0.75	\$ 28,704	0.00	\$ —	0.00	\$ —
Total						0.75	\$ 28,704	0.00	\$ —	0.00	\$ —

**CITY OF DUBUQUE, IOWA
ACTIVITY PERSONNEL COMPLEMENT SUMMARY**

ACCT	FD	JC	WP-GR	POSITION CLASS	FY 2019		FY 2020		FY 2021		
					FTE	BUDGET	FTE	BUDGET	FTE	BUDGET	
Residential Parking - FT											
63055630	61010		GE-31	ENGINEERING TECHNICIAN	0.00	\$ —	0.00	\$ —	0.03	\$ 2,069	
Total					0.00	\$ —	0.00	\$ —	0.03	\$ 2,069	
Water Utility -FT											
64055400	61010	620	4870	GE-28	UTILITY LOCATOR	0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654
Total					0.25	\$ 14,054	0.25	\$ 14,374	0.25	\$ 14,654	
TOTAL ENGINEERING DIVISION					30.23	\$ 2,117,881	29.96	\$ 2,162,540	30.71	\$ 2,241,278	

Capital Improvement Projects by Department/Division

ENGINEERING

CIP Number	Capital Improvement Project Title	FY 18 Actual Expense	FY 19 Actual Expense	FY 20 Adopted Budget	FY 21 Recomm'd Budget
1001108	SIDEWALK REPAIR/MAINTENAN	3,343	2,214	30,000	30,000
1001200	RIVER DISCOVERY CENTER	122	—	—	0
1002779	EXCURSION BOAT DOCKS	—	18,500	—	0
1021857	UTILITY FRANCHISE ANALYSI	606,303	—	—	0
1021963	RIVERWALK SECURITY CAMERA	—	—	—	0
1022673	16TH ST DET BASIN TRAIL	672	—	597,000	0
1022674	KERPER BLVD FIBER AND CAM	96,442	2,696	—	0
1022763	STREETS TRAFFIC CONTROL	—	—	—	250,000
1022798	PAVEMENT PRESERVATION	—	—	—	48,000
2501039	CORRIDOR STUDY ALTERNATES	1,948	159	—	0
2501210	GRANDVIEW AVE.LIGHT POLES	—	—	—	0
2501281	JACKSON ST. RECONSTRUCTIO	—	—	—	0
2501287	SOUTHWEST ARTERIAL	—	18,217	—	0
2501576	VILLA WALL	—	—	—	1,600,000
2501702	3RD ST OVERPASS-PAINT	—	—	—	0
2502253	ITS TRAFFIC CONTROL EQUIP	20,500	—	—	0
2502274	US 52/CENTRAL TRAFFIC IMP	71,077	537,095	—	0
2502422	TRAFFIC OPS CTR VIDEO SOF	—	—	—	0
2502676	CITY-WIDE SECURITY CAMERA	1,689	—	—	0
2502797	7TH ST EXT TO PINE	—	—	88,400	0
2502799	INET FIBER BUILD OUT	—	—	100,000	0
2601236	WHEEL CHAIR RAMPS	—	—	12,600	0
2601239	NEIGHBORHOOD REL IMPROVEM	236,273	—	10,000	0
2601549	STREET LIGHT REPLACEMENT	8,084	—	—	0
2602767	LEAD SVC LINE REPLACE	—	—	30,000	0
2602776	SIDEWALKS	—	12,148	—	0
2642769	HUD RESILIENCY ENGINEER	2,121,753	6,245,593	8,128,055	8,194,419
3001011	SIGNALIZATION PROGRAM	40,256	60,751	80,000	70,000
3001023	INTERSECTION PREEMPTION	6,260	—	15,000	15,000
3001027	GUARDRAIL REPLACEMENT	8,718	—	10,000	0
3001029	STONE RETAINING WALLS	42,548	198,065	—	0
3001039	CORRIDOR STUDY-ALTERNATES	—	12,000	—	0
3001041	CURB/CATCH BASIN REPL	69,969	10,684	10,000	25,000
3001133	TRAFFIC SIGNAL MASTARM RE	38,134	4,126	80,000	65,000
3001210	GRANDVIEW AVE.LIGHT POLES	110,571	13,015	50,000	35,000
3001229	TRAFFIC CONTR BATTERY PCK	—	2,119	20,000	10,000
3001256	SPECIAL ASSESSMENT ASSIST	41,286	—	—	0
3001258	BRIDGE REPAIRS/MAINT.	6,009	3,502	85,000	0
3001266	TRAFFIC SIGNAL INTERCONNE	84,703	20,795	40,000	30,000
3001274	TRAFFIC CONTROLLER REPLAC	2,253	41,697	45,000	35,000
3001287	SOUTHWEST ARTERIAL	5,870,338	4,259,584	100,000	550,000
3001425	SIDEWALK PROGRAM CITY OWN	44,580	50,912	—	170,000
3001466	HARBOR AREA MAINTENANCE	—	—	—	0
3001549	STREET LIGHT REPLACEMENT	19,819	1,018	—	20,000
3001615	SIGNAL INTERSEC RECONSTRU	127,652	—	65,000	40,000
3001630	DECORATIVE CONCRETE MAINT	6,551	92,939	—	0
3001631	TRAFF SIG FIBER OPTIC NET	95,473	85,520	80,000	65,000
3001634	WHITE WATER CREEK BRIDGE	—	—	—	0
3001702	3RD ST OVERPASS-PAINT	—	—	—	120,000
3001816	TRAFFIC SIG VIDEO DET CON	74,749	—	52,000	50,000
3001916	LED RE-LAMP SCHEDULE	—	—	29,000	0
3001922	SAFE ROUTES TO SCHOOL	—	—	—	0
3002021	N CASCADE RD RECONSTRUCT	2,164	19,445	—	0

Capital Improvement Projects by Department/Division

ENGINEERING

CIP Number	Capital Improvement Project Title	FY 18 Actual Expense	FY 19 Actual Expense	FY 20 Adopted Budget	FY 21 Recomm'd Budget
3002142	STREET CONST-GENERAL	41,932	81,282	83,000	100,000
3002144	FIBER OPTIC CONDUIT-MISC	15,664	60,431	50,000	40,000
3002245	PAVEMENT MARKING	113,320	120,387	135,000	135,000
3002252	ST LIGHT/SIGNAL KNOCKDOWN	18,275	70,202	30,000	25,000
3002253	ITS TRAFFIC CONTROL EQUIP	49,500	4,800	17,000	20,000
3002256	PENN@RADFORD INTERESECT	2,900	4,751	—	0
3002324	UNI & ASBURY INTER IMPROV	—	682,644	—	0
3002336	N GRANDVIEW ESTATES ROAD	—	—	—	0
3002420	SRGE AND GRND IMPR SIGNAL	1,678	8,364	15,000	10,000
3002421	STREET CAMERA INSTALL	37,773	25,504	75,000	70,000
3002422	TRAFIC OPS CTR VIDEO SOFT	4,983	58,520	—	0
3002423	TRAFIC OPS CNTR EQUIP TEST	758	116	—	0
3002484	LED STREETLIGHT RETROFIT	2,401	—	—	0
3002491	FIBER OPTICS TO AIRPORT	106,214	321	—	0
3002552	WASH ST RECON 8TH TO 9TH	—	28,948	—	0
3002557	FLASH YELLOW LEFT TURN	—	1,148	—	0
3002558	REPLC LED SIGNS BEACONS	—	—	—	0
3002559	GRANDVIEW SIGNAL RECON	339,559	—	—	0
3002611	GRANDVIEW/DELHI ROUNDABOU	1,062	—	—	0
3002612	HEEB STREET RECON	—	—	50,000	0
3002615	WAH NEIGH STREET LIGHTS	672	—	—	0
3002617	JFK RD COORD WACKER/ASB	3,774	—	—	0
3002618	WEST LOCUST COMM/CAMERAS	13,786	14,125	92,000	0
3002619	UNIV/ASBURY FIBER/CAMERA	2,199	—	—	0
3002620	FIBER/NETWORK MGMT PROG	253	275	50,450	0
3002634	SMARTER TRAVEL PROJECT	5,987	—	—	0
3002674	KERPER BLVD FIBER AND CAM	22,220	4,830	—	0
3002675	NW ARTERIAL TURN LANE IMP	43,354	203,722	—	0
3002676	CITY-WIDE SECURITY CAMERA	116,385	75,119	—	0
3002695	NW ARTERIAL LEFT TURN LN	9,160	—	—	0
3002717	POD IRRIGATION REPLACEMEN	5,101	—	—	0
3002724	GRNDVW/UNVRSTY ROUNDABOUT	151,804	1,356,008	—	0
3002735	JFK DITCH IMPROVEMENTS	18,785	—	—	0
3002761	DERBY GRANGE RESURFACE	—	—	—	0
3002762	LANDFILL ACCESS ROAD	2,329	1,331	97,000	0
3002763	STREETS TRAFFIC CONTROL	—	—	100,000	3,216,250
3002796	CENTRAL AVE 1 TO 2 WAY	—	—	180,000	0
3002798	PAVEMENT PRESERVATION	—	—	32,984	0
3002799	INET FIBER BUILD OUT	—	—	—	90,000
3002800	ASBURY RD SIGNALIZATION	—	—	120,000	0
3002801	FIBR REEL TRAILER/TOOLS	—	—	15,000	0
3002848	SW ARTERIAL ITS CORRIDOR	—	—	—	850,000
3002849	PAVE REHAB CONCRETE ST	—	—	—	520,000
3002850	NW ARTERIAL LEFT ON JFK	—	—	—	180,000
3002851	PAVE PRES JOINT SEALING	—	—	—	50,000
3002852	BRICK PAVER MAINT	—	—	—	30,000
3002856	ASBURY & JFK SIGNAL RECON	—	—	—	120,000
3002857	BROADBAND ACC UNIV ACCESS	—	—	—	136,000
3401654	BEE BRANCH CREEK RESTORAT	2,772,324	628,057	—	0
3402608	GATE REPLC FLOOD MITIGATI	806	47,583	—	3,500,000
3402609	FLOOD CONTROL MAINT FACIL	130,325	133,895	—	0
3402690	HUD RESILIENCY	439,760	(24,727)	—	0
3402769	HUD RESILIENCY ENGINEER	—	2,758,357	3,523,143	1,311,008

Capital Improvement Projects by Department/Division

ENGINEERING

CIP Number	Capital Improvement Project Title	FY 18 Actual Expense	FY 19 Actual Expense	FY 20 Adopted Budget	FY 21 Recomm'd Budget
3402774	BEE BRANCH TRAIL CONNECT	—	—	—	0
3501029	STONE RETAINING WALLS	—	—	—	0
3501053	RIVERFRONT LEASEHOLD IMPR	7,667	6,291	—	0
3501425	SIDEWALK PROGRAM CITY OWN	—	12,938	25,000	0
3501465	REHAB RR TRACK	—	—	—	0
3501466	HARBOR AREA MAINTENANCE	—	—	—	25,000
3501549	STREET LIGHT REPLACEMENT	—	—	—	0
3501630	DECORATIVE CONCRETE MAINT	—	25,755	—	0
3501727	SIDEWALK FINANCIAL ASSIST	—	—	—	0
3501841	FEDERAL BUILDING RENOVTN	94,984	77,896	—	0
3502021	N CASCADE RD RECONSTRUCT	17,076	76,133	—	0
3502642	CHAVENELLE TRAIL	41,611	26	—	0
3502855	MUSEUM WETLAND RAILING	—	—	—	20,000
3601039	CORRIDOR STUDY ALTERNATES	—	—	4,450,000	0
3601053	RIVERFRONT LEASEHOLD IMPR	2,389	131,524	4,200	187,500
3601549	STREET LIGHT REPLACEMENT	—	14,175	—	12,000
3601608	DWNTWN ST LIGHT REPLACMNT	18,678	2,600	—	0
3601841	FEDERAL BUILDING RENOVTN	—	23,447	102,700	446,000
3602273	CHAVENELLE TRAIL	44,793	34,431	—	0
3602421	STREET CAMERA INSTALL	—	—	—	12,476
3602484	LED STREETLIGHT RETROFIT	—	—	—	0
3602487	POD PARKING LOT	—	—	—	0
3602494	DT SECURITY CAMERAS	120,939	14,308	—	0
3602551	CHAVANELLE RD REHAB	8,443	38,032	—	3,700,000
3602552	WASH ST RECON 8TH TO 9TH	14,465	269,288	—	0
3602554	11TH ST STAIRS RECON	21,235	—	—	0
3602612	HEEB STREET	—	—	—	300,000
3602671	DOWNTOWN STREET LIGHTS	47,622	—	—	0
3602676	DOWNTOWN SECURITY CAMERAS	10,000	—	—	0
3602677	DOWNTOWN SECURITY CAMERAS	—	—	—	0
3602760	HWY 52 PHASE 4 CENTRAL	—	—	—	0
3602796	CENTRAL AVE 1 TO 2 WAY	—	—	20,000	0
3602853	POD RIVERFRONT DOCK EXP	—	—	—	1,050,000
3602854	ABC SUPPLY BUILD DECON	—	—	—	417,000
7101067	SEWER CONN ASST-LOW/MOD	—	—	—	0
7101289	GENERAL SANITARY SEWER RE	—	—	—	200,000
7101293	SAN SEWER INTERNAL MAIN	3,108	341	34,822	13,275
7101294	I&I REDUCTION PROGRAM	17,574	820	—	0
7101297	LATERAL REPL ASST.LOW INC	9,349	—	—	0
7101309	SEWER LATERAL ASSISTANCE	—	—	—	0
7101320	LATERALS-I&I REDUCTION	4,600	—	—	0
7101335	SAN SEWER MANHOLE REPLACE	196,779	12,122	50,000	0
7101350	SEWER EXTENSIONS NEW DEV.	15,046	7,044	—	600,000
7101637	SAN SEWER LINING PROGRAM	160,132	26,993	27,500	0
7101638	STREET PROG/RELATED SANIT	—	—	—	0
7101797	MONROE ST SAN SEWER EXT	—	—	—	0
7102013	H&W SANITARY SEWER PROJ	637	—	—	0
7102406	FOX BLACKHAWK SAN SEWER	—	—	—	0
7102413	RELOC 30" MAIN OPW GARAGE	35,293	337,025	—	0
7102450	\$9.4 GREEN ALLEYS	468,851	40,274	—	0
7102546	TRACK LN SAN SEWER CLEAN	—	—	100,000	187,790
7102547	WASH ST SAN 7TH TO 9TH	662	—	—	0

Capital Improvement Projects by Department/Division

ENGINEERING

CIP Number	Capital Improvement Project Title	FY 18 Actual Expense	FY 19 Actual Expense	FY 20 Adopted Budget	FY 21 Recomm'd Budget
7102571	AUBURN & CUSTER SAN SEWER	—	—	—	316,400
7102606	CEDAR/TERM ASSESSMENTS	82,210	143,635	153,000	750,000
7102607	CATFISH/GRANGER LIFT IMPR	—	—	243,000	0
7102612	HEEB STREET	—	—	20,000	160,000
7102663	KERPER SANITARY	189,327	1,705,670	—	0
7102669	SW ART/MENARD UTLTY RELOC	—	—	—	0
7102670	SW ART/HWY 20 UTLTY RELOC	—	—	—	0
7102720	30TH & JACKSON SAN SEWER	7,346	120,399	—	0
7102721	MARQUETTE SAN SEWER	23,526	252,375	—	0
7102728	COATES SANITARY SEWER	15,947	—	—	0
7102729	DERBY GRANGE ANNEXATION	517,296	—	—	0
7102754	TWIN RIDGE LIFT ST ABANDO	—	122,774	—	0
7102755	HARLAN EUCLID SANITARY	—	—	—	0
7102780	TIMBERHYRST SANITARY	—	13,808	—	0
7102791	ASSET MANAGEMENT	—	—	164,000	237,000
7102793	CCTV INSPECT/CLEAN/ASSESS	—	—	75,000	285,000
7102794	WOOD ST SANITARY	—	—	15,000	95,000
7102795	HEMPSTEAD SANITARY	—	—	—	30,000
7102812	CREEKBNK_REPAIR_STEGTJARK	—	90,029	—	0
7102844	CENTER PLACE ALLEY SEWER	—	—	—	410,000
7102846	FORCE MAIN STABILIZATION	—	—	—	100,000
7201008	STORM SEWER IMPR/EXTENSIO	—	6,490	70,000	60,000
7201066	GENERAL REPAIRS	25,054	60,966	100,000	50,000
7201081	CATCH BASIN/WESTSIDE STOR	—	—	53,000	53,000
7201085	KAUFMANN AVE STORM	—	—	—	0
7201086	NW ARTERIAL DETENSION BAS	—	11,361	—	0
7201123	WILBRECHT LANE STORM SERW	5,172	—	—	0
7201180	JACKSON STREET STORM SEWE	—	—	—	0
7201354	DRAIN TILE PROGRAM	—	—	20,000	100,400
7201363	GUNITE ROCK STORM SEWER	—	—	—	0
7201365	MIDDLE ROAD CULVERT	—	81,739	—	0
7201379	SUNNYCREST/ROOSEVELT STRM	—	—	21,000	0
7201654	BEE BRANCH CREEK RESTORAT	1,757,334	—	—	0
7201809	VILLA ST STORM SEWER PROJ	509	—	—	33,000
7201811	UNIVERSITY AV CULVERT EXT	—	—	25,000	0
7202238	CEDAR CROSS RD STORM	—	—	—	0
7202274	US-52 STORM IMPROVEMENTS	8,158	83,523	—	0
7202331	CATFISH CRK WATERSHED PRT	403,352	244,218	—	0
7202332	STORMWTR INFILT & INFLOW	0	14,798	100,000	50,000
7202547	WASH ST SAN 7TH TO 9TH	0	0	0	0
7202608	GATE REPLC FLOOD MITIGATI	0	0	0	1,634,418
7202609	FLOOD CONTROL MAINT FACIL	82,255	26,899	0	0
7202610	ADMIRAL SHEEHY FLOOD GATE	0	0	0	0
7202612	HEEB STREET	0	0	5,000	25,000
7202632	S GRANDVIEW (CANGENELLI)	4,172	0	0	0
7202667	AVOCA STORM IMPROVEMENTS	37,911	0	0	0
7202668	NORTHRIDGE STORM EXTENSIO	0	0	0	0
7202669	SW ART/MENARD UTLTY RELOC	0	0	0	0
7202670	SW ART/HWY 20 UTLTY RELOC	0	0	325,000	0

Capital Improvement Projects by Department/Division

ENGINEERING

CIP Number	Capital Improvement Project Title	FY 18 Actual Expense	FY 19 Actual Expense	FY 20 Adopted Budget	FY 21 Recomm'd Budget
7202690	HUD RESILIENCY	0	0	0	0
7202722	WILBRICHT DETENTION BASIN	4,531	63	0	0
7202723	VAN BUREN STORM OUTLET	6,739	6,074	0	0
7202756	US 52 CENTRAL STORMWATER	0	0	0	0
7202757	ST ANNE DR STORM	0	0	0	0
7202758	HILLCREST ROSEMONT DET	0	15,369	0	0
7202759	MAUS PARK CULVERT	0	0	0	0
7202762	LANDFILL ACCESS ROAD	0	0	222,000	0
7202769	HUD RESILIENCY ENGINEER	0	628,735	9,899,795	7,839,922
7202813	PERV PAVE BB RR SPONSOR	0	0	0	0
7202847	CATHERINE ST STORM SEWER	0	0	0	53,000
ENGINEERING	TOTAL	18,868,051	22,839,178	30,747,649	41,278,858

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	PAGE
PUBLIC WORKS								
SANITARY SEWER								
Business Type								
General								
	Sanitary Sewer Extensions to New Developments	\$ 13,275	\$ 33,866	\$ 59,145	\$ 174,473	\$ 31,925	\$ 312,684	162
	Sanitary Sewer Extensions to Existing Developments	\$ 600,000	\$ 1,200,000	\$ —	\$ —	\$ —	\$ 1,800,000	163
	Twin Ridge Subdivision -Lagoon Abandonment	\$ —	\$ 465,000	\$ —	\$ —	\$ —	\$ 465,000	164
	Sanitary Sewer Extensions - Existing Development, Pre-annexation and Annexation Agreements	\$ —	\$ 233,500	\$ —	\$ —	\$ —	\$ 233,500	165
	McFadden Farm Sanitary Sewer Extension	\$ —	\$ —	\$ 532,000	\$ —	\$ —	\$ 532,000	166
	Sewer Utility Master Plan	\$ 237,000	\$ 121,000	\$ —	\$ —	\$ —	\$ 358,000	167
	CCTV Inspection, Cleaning, and Assessment	\$ 285,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ —	\$ 825,000	168
Reconstruction								
	Southfork Interceptor Sewer	\$ —	\$ —	\$ 34,181	\$ 533,819	\$ —	\$ 568,000	169
	Knob Hill-Duggan Drive Sanitary Sewer Reconstruction	\$ —	\$ —	\$ 149,310	\$ —	\$ —	\$ 149,310	170
	Brunswick Sanitary Sewer	\$ —	\$ —	\$ 9,400	\$ 68,900	\$ —	\$ 78,300	171
	Southgate Sanitary Sewer Reconstruction	\$ —	\$ —	\$ 13,300	\$ 98,100	\$ —	\$ 111,400	172
	Center Grove Sanitary Sewer Reconstruction	\$ —	\$ —	\$ 7,300	\$ 60,000	\$ —	\$ 67,300	173
	Wood Street Sanitary Sewer Reconstruction	\$ 95,000	\$ —	\$ —	\$ —	\$ —	\$ 95,000	174
	Auburn & Custer Sanitary Sewer Reconstruction	\$ 316,400	\$ —	\$ —	\$ —	\$ —	\$ 316,400	175
	Grove Terrace Sanitary Sewer Reconstruction	\$ —	\$ 110,000	\$ —	\$ —	\$ —	\$ 110,000	176
	Heeb Street Sanitary Sewer Reconstruction	\$ 160,000	\$ —	\$ —	\$ —	\$ —	\$ 160,000	177
	Hempstead Sanitary Sewer Reconstruction	\$ 30,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 280,000	178
	Cooper Place and Maiden Lane Sanitary Sewer Reconstruction	\$ —	\$ —	\$ 30,000	\$ 300,000	\$ —	\$ 330,000	179
	Abbott & Cottage Sanitary Sewer Reconstruction	\$ —	\$ —	\$ 20,000	\$ 200,000	\$ —	\$ 220,000	180
	Harvard St Sanitary Sewer Reconstruction	\$ —	\$ —	\$ —	\$ 18,000	\$ 160,000	\$ 178,000	181
	Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements	\$ 750,000	\$ 1,416,000	\$ 2,260,000	\$ —	\$ —	\$ 4,426,000	182
	Track Line Sanitary Cleaning and Lining	\$ 187,790	\$ —	\$ —	\$ —	\$ —	\$ 187,790	184
	Force Main Stabilization	\$ 100,000	\$ —	\$ —	\$ —	\$ 7,692,308	\$ 7,792,308	185
	Sanitary Sewer Lining Program	\$ —	\$ 132,500	\$ —	\$ —	\$ 220,000	\$ 352,500	186
	Manhole Replacement/Rehab Program	\$ —	\$ —	\$ 50,000	\$ —	\$ 40,000	\$ 90,000	187

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	PAGE
	Center Place Alley Sanitary Sewer Rehabilitation	\$ 410,000		\$ —	\$ —	\$ —	\$ 410,000	188
	Perry & Bradley Force Main and Lift Station Improvements	\$ —	\$ 35,000	\$ 225,000	\$ —	\$ —	\$ 260,000	189
	Couler Valley Interceptor Inspection, Cleaning and Rehabilitation	\$ —	\$ —	\$ 85,000	\$ —	\$ —	\$ 85,000	190
	General Sanitary Sewer Replacement	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	191
STORMWATER								
Business Type								
General Storm Sewer Projects								
	Stormwater Infiltration & Inflow Elimination Program	\$ 50,000	\$ 50,000	\$ 90,000	\$ 100,000	\$ 100,000	\$ 390,000	192
	Storm Sewer General Replacements	\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 204,255	\$ 454,255	193
	Storm Sewer Improvements/Extensions	\$ 60,000	\$ 60,000	\$ 60,000	\$ 64,946	\$ 64,946	\$ 309,892	194
	Catch Basin Reconstruction	\$ 53,000	\$ 53,000	\$ 53,060	\$ 54,122	\$ 55,204	\$ 268,386	195
	Draintile Program	\$ 100,400	\$ 90,810	\$ 101,224	\$ 100,000	\$ 62,082	\$ 454,516	196
Bee Branch Watershed Projects								
	Bee Branch Creek RR Culverts	\$17,345,349	\$ —	\$ —	\$ —	\$ —	\$17,345,349	197
	Bee Branch Creek Gate & Pump Replacement	\$ 5,134,418	\$ 4,769,592	\$ —	\$ —	\$ —	\$ 9,904,010	199
	Flood Control Maintenance Facility	\$ —	\$ —	\$ —	\$ 220,000	\$ —	\$ 220,000	200
Specific Storm Sewer Projects								
	University Ave Storm Sewer	\$ —	\$ —	\$ 150,000	\$ —	\$ —	\$ 150,000	201
	Heeb Street Storm Sewer (Street Program)	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ 25,000	202
	Keokuk Storm Sewer Extension	\$ —	\$ 44,600	\$ —	\$ —	\$ —	\$ 44,600	203
	Copper Field Storm Sewer Extension Project	\$ —	\$ 34,700	\$ —	\$ —	\$ —	\$ 34,700	204
	Key Way Drive Outfall Project	\$ —	\$ 30,100	\$ —	\$ —	\$ —	\$ 30,100	205
	Pennsylvania Culvert Replacement	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ 25,000	206
	Windsor Street Storm Sewer Extension	\$ —	\$ —	\$ —	\$ 80,500	\$ —	\$ 80,500	207
	Seippel Road Culvert Replacement	\$ —	\$ 8,000	\$ 48,000	\$ —	\$ —	\$ 56,000	208
	Catherine Street Storm Sewer Improvements	\$ 53,000	\$ —	\$ —	\$ —	\$ —	\$ 53,000	209
	Villa Street Storm Sewer Replacement	\$ 33,000	\$ —	\$ —	\$ —	\$ —	\$ 33,000	210
	Northridge Dr Storm Sewer Extension	\$ —	\$ —	\$ —	\$ —	\$ 133,200	\$ 133,200	211
STREETS								
Public Works								
Street Related Improvements								
	Pavement Marking Project	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 675,000	212
	Street Construction General Repairs	\$ 100,000	\$ 100,000	\$ 110,000	\$ 110,000	\$ 100,000	\$ 520,000	213
	Pavement Preservation Program	\$ 48,000	\$ —	\$ —	\$ —	\$ —	\$ 48,000	214

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	PAGE
	East - West Corridor Capacity Improvements	\$ —	\$ 150,000	\$ 4,600,000	\$ —	\$ —	\$ 4,750,000	216
	Chavenelle Rd Reconstruction	\$ 3,700,000	\$ —	\$ —	\$ —	\$ —	\$ 3,700,000	218
	Heeb Street Reconstruction	\$ 300,000	\$ —	\$ —	\$ —	\$ —	\$ 300,000	220
	Southwest Arterial Project	\$ 550,000	\$ —	\$ —	\$ —	\$ —	\$ 550,000	221
	Southwest Arterial ITS Corridor Development	\$ 850,000	\$ 850,000	\$ —	\$ —	\$ —	\$ 1,700,000	223
	Westside Drive Street Lights	\$ —	\$ —	\$ 150,000	\$ —	\$ —	\$ 150,000	224
	7th Street Extension to Pine Street	\$ —	\$ —	\$ —	\$ 191,500	\$ 650,000	\$ 841,500	225
	North Cascade Road Reconstruction	\$ —	\$ 1,497,200	\$ —	\$ —	\$ —	\$ 1,497,200	226
	Cedar Cross Rd Reconstruction	\$ —	\$ —	\$ —	\$ —	\$ 400,000	\$ 400,000	228
	Seippel Road Reconstruction	\$ —	\$ —	\$ —	\$ —	\$ 280,000	\$ 280,000	229
	Pavement Rehabilitation - Concrete Street Repair, Mill and Asphalt Resurfacing	\$ 520,000	\$ —	\$ —	\$ —	\$ —	\$ 520,000	230
	Northwest Arterial Eastbound Dedicated Left Turn lane onto John F Kennedy (JFK) Road	\$ 180,000	\$ —	\$ —	\$ —	\$ —	\$ 180,000	231
	Pavement Preservation Joint Sealing	\$ 50,000	\$ 50,000	\$ 55,000	\$ 55,000	\$ —	\$ 210,000	232
	Rockdale Road Reconstruction	\$ —	\$ —	\$ —	\$ —	\$ 200,000	\$ 200,000	233
Sidewalk Related								
	Sidewalk Inspection Program - Assessable	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000	234
	Sidewalk Program - City-Owned Property	\$ 170,000	\$ 100,000	\$ 100,000	\$ 50,000	\$ 50,000	\$ 470,000	235
	ADA Curb Ramp Construction	\$ —	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 50,400	236
	Sidewalk Program Related Curb and Catch Basin Replacements	\$ 25,000	\$ 25,000	\$ 30,000	\$ 32,000	\$ 35,000	\$ 147,000	237
	Decorative Concrete Maintenance Program	\$ —	\$ —	\$ —	\$ 35,000	\$ 40,000	\$ 75,000	238
Trails/General Maintenance								
	Stone Retaining Walls	\$ —	\$ 100,000	\$ 105,000	\$ 110,000	\$ —	\$ 315,000	239
	Bridge Repairs/Maintenance	\$ —	\$ 100,000	\$ 100,000	\$ 100,000	\$ —	\$ 300,000	240
	Villa Street Retaining Wall	\$ 1,600,000	\$ —	\$ —	\$ —	\$ —	\$ 1,600,000	241
	Lowell Street Retaining Wall	\$ —	\$ 141,500	\$ —	\$ —	\$ —	\$ 141,500	242
	Brick Paver Maintenance	\$ 30,000	\$ —	\$ 30,000	\$ —	\$ 30,000	\$ 90,000	243
	Complete Streets Elements	\$ —	\$ —	\$ 12,000	\$ 12,000	\$ 10,000	\$ 34,000	244
MISCELLANEOUS								
General Government								
	Federal Building Renovation	\$ 446,000	\$ 346,800	\$ 286,000	\$ 36,500	\$ —	\$ 1,115,300	245
Community and Economic Development								
Public Works								
	Riverfront Dock Expansion	\$ 1,050,000	\$ 1,050,000	\$ —	\$ —	\$ —	\$ 2,100,000	247
	Neighborhood Related Improvement	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 40,000	249
	Riverfront Leasehold Improvements	\$ 187,500	\$ 73,500	\$ —	\$ —	\$ —	\$ 261,000	250

PRGRM/ DEPT	PROJECT DESCRIPTION	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	TOTAL	PAGE
	ABC Supply Building Deconstruction	\$ 417,000	\$ —	\$ —	\$ —	\$ —	\$ 417,000	251
	Port of Dubuque - Security Cameras	\$ —	\$ 20,000	\$ —	\$ 20,000	\$ —	\$ 40,000	252
	Harbor Area Maintenance	\$ 25,000	\$ —	\$ 30,000	\$ —	\$ 35,000	\$ 90,000	253
	Ice Harbor Road - Museum Wetland Railing	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ 20,000	254
	Third Street Overpass Railing Painting	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ 120,000	255
	Speed Shields	\$ —	\$ 46,000	\$ 46,000	\$ 46,000	\$ —	\$ 138,000	256
TRAFFIC								
Public Works								
	Street Light Replacement and New Installation	\$ 32,000	\$ 128,200	\$ 145,200	\$ 180,000	\$ 35,000	\$ 520,400	257
	Signalization Program	\$ 70,000	\$ 70,000	\$ 80,000	\$ 70,000	\$ 60,000	\$ 350,000	258
	Traffic Signal Mastarm Retrofit	\$ 65,000	\$ 70,000	\$ 75,000	\$ 80,000	\$ 65,000	\$ 355,000	259
	Traffic Signal Interconnect Conduit Replacement	\$ 30,000	\$ 40,000	\$ 70,000	\$ 40,000	\$ 40,000	\$ 220,000	260
	Traffic Signal Controller Replacement	\$ 35,000	\$ 35,000	\$ 45,000	\$ 45,000	\$ 35,000	\$ 195,000	261
	Street Lighting and Traffic Signal Knockdown/Insurance	\$ 25,000	\$ 25,000	\$ 30,000	\$ 30,000	\$ 25,000	\$ 135,000	262
	Street Camera Installation	\$ 82,476	\$ 105,775	\$ 89,798	\$ 105,000	\$ 15,000	\$ 398,049	263
	LED Re-lamp schedule	\$ —	\$ 25,000	\$ 30,000	\$ 25,000	\$ 20,000	\$ 100,000	264
	Traffic Signal Battery Backup Program	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 85,000	265
	Traffic Signal Intersection Reconstruction	\$ 40,000	\$ 50,000	\$ 75,000	\$ 72,472	\$ 65,000	\$ 302,472	266
	Surge and Grounding Improvements at Signals City- Wide	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 85,000	267
	STREETS Traffic Control Project	\$ 3,466,250	\$ 75,000	\$ 50,000	\$ —	\$ —	\$ 3,591,250	268
	Traffic Signal Fiber Optics	\$ 65,000	\$ 65,000	\$ 100,000	\$ 100,000	\$ —	\$ 330,000	269
	ITS Traffic Control Equipment	\$ 20,000	\$ 20,000	\$ 25,000	\$ 34,000	\$ 25,000	\$ 124,000	270
	Traffic Signal Vehicle Detection Conversion	\$ 50,000	\$ 50,000	\$ 60,000	\$ 64,000	\$ 40,000	\$ 264,000	271
	Grandview Street Light Replacement	\$ 35,000	\$ —	\$ 50,000	\$ 100,000	\$ —	\$ 185,000	272
	INET Replacement Build Out	\$ 90,000	\$ 90,000	\$ 150,000	\$ 65,000	\$ —	\$ 395,000	273
	Emergency Preemption Expansion and Upgrades	\$ 15,000	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 85,000	274
	Asbury Rd Signalization Reconstruction	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ 120,000	275
	Fiber Optic Conduit - Miscellaneous	\$ 40,000	\$ 40,000	\$ 50,000	\$ 50,000	\$ 40,000	\$ 220,000	276
	Fiber Infrastructure Management System	\$ —	\$ 100,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 130,000	277
	Broadband Acceleration and Universal Access	\$ 136,000	\$ 130,000	\$ 125,000	\$ 120,000	\$ —	\$ 511,000	278
	TOTAL	41,278,858	15,569,243	11,563,518	4,788,932	11,541,520	84,742,071	