		1								
	A B	С	D	Е	F	G		Н		I
1	HOMELA	AND SECTION -			STATE OF					
2										
3	OBELY MAY									
4										
	5 PERIOD COVERED BY THIS REPORT				11/1/2021	to		4/30/2022		
	6 LOCAL CONTACT NAME:				Teri Goodmann					
-		RNMENTAL EN	IIIIY	:	City of Dubuque					
8 .	ADDRE				50 West 13th Street					
	TFLEDI	HONE NUMBE	R٠		Dubuque, IA 52001 563-589-4110					
_		CT TITLE:			Bee Branch Watershed Flood Mitigation Project					
-		EMENT NUMB	ER:		2013-0					
		ITY COMPLETION		IMEFRAME:	12/4/2013	to		12/31/2033		
15					FEDERAL	LOCAL		STATE		TOTAL
	TOTAL	. FUNDS APPR	OVE	·			ć	98,494,178	\$	
		. FUNDS EXPEN					\$		_	209,929,536
						\$ 70,112,649	\$	67,167,932	\$	162,567,903
		CT OVERRUN,			\$ 9,469,234		\$	31,326,246	\$	47,361,633
	•	•		work that has be	en completed at the end of t	he reporting period (not a				74.00%
19	% OT IL	unds expended	a)							
20	The es	timated cost of	of the	e project at comp	letion (which may even excee	ed the awarded amount)	\$			248,242,053
		T C	Г		5.1.1	5 1 1	<u> </u>	T . 15 1 1		
22		Type of			Budget	Federal		Total Expended		Remaining
23		& Fundii	ng So	ource	(from Application)	Local or State		to Date		Balance
24	Engine	ering/Contra	ctual	Services:	\$ 17,817,601					
25	Car	ter Road Deten	ntion	Basin - General Obl	ligation Bonds	Local/State	\$	560,230		
26					PA State Revolving Funds	Federal	\$	115,164		
27				ntion Basin - Storm	<u> </u>	Local/State	\$	36,242		
28					al Obligation Bonds	Local/State	\$	844,275		
29				ct - General Obligat		Local/State	\$	225,430		
30				ct - Stormwater Uti	·	Local/State	\$	502,809		
31					A State Revolving Funds	Federal	\$	849,637		
32 33						Federal	\$	338,003		
33	Lower Bee Branch Engineering - Stormwater Utility				Local/State	\$	1,592,959			
34	Up	per Bee Branch	Cree	k Engineering - Sta	te Sales Tax Increment Bond	Local/State	\$	4,899,930		
	Upi	per Bee Branch	Cree	k Legal Services- St	ate Sales Tax Increment Bond					
35						Local/State	\$	167,288		
36 37					'	Local/State	\$	2,376,951		
31						Local/State	\$	1,173,197		
38	Up	per Bee Branch	Cree	k Engineering - U.S	. EPA State Revolving Funds	Federal	\$	6,342,564		
50	Flo	od Mitigation N	/laint	enance Facility Des	ign - State Sales Tax Increment	reactal	<u> </u>	0,542,504		
39	Bor			, = 60		Local/State	\$	441,958		
	Flo	od Mitigation C	ato F	Poplacoment State	Salos Tay Increment Bond					
40	F10	ou willigation G	iale F	replacement - State	e Sales Tax Increment Bond	Local/State	\$	1,245		
	Flo	od Mitigation G	ate R	Replacement - Store	mwater Utility Fees					
41		-		•	·	Local/State	\$	1,026,223		
42			Locus	t Storm Sewer Eng	ineering - Sales Tax Increment	Local/State	,	207.074		
42 43				Local/State Federal	\$	287,071 1,695,679				
45	22nd Street Storm Sewer Construction - Sales Tax Increment Bond					reueral	Ş	1,095,079		
44						Local/State	\$	-		
,_			Railro	oad Culverts - State	Revolving Fund (SRF) - Legal -					
45		0010 - Local	Railer	and Culverte State	Revolving Fund (SDE)	Local/State	\$	15,125		
46	Bee Branch Creek Railroad Culverts - State Engineering 1X0010 - Local				c nevolving runu (SINF) -	Local/State	\$	-		
47		,		OTAL			\$	23,491,979	\$	(5,674,378)
	1						-	•	-	

				•	
	ABCDE	F	G	Н	l
48	Property Acquisition & Easement:	\$ 19,301,143			
	Carter Road Detention Basin - Purchase/	Deconstruction - Stormwater			
49	Utility Fees		Local/State	\$ 140,833	
	West 32nd Street Detention Basin - Purc	nase/Deconstruction - General			
50	Obligation Bonds	lase, beconstruction General	Local/State	\$ 2,144,713	
- 30		anstruction / Maintanance of	Eodal, State	2)211)/20	
51	Lower Bee Branch Creek -Purchase/ Deco	onstruction/ Maintenance of	Local/State	6 1 157 577	
31	Housing - Storm Water Utility Fees Lower and Upper Bee Branch Creek -Pure	chase/ Deconstruction/	Local/State	\$ 1,157,577	
52	Maintenance of Housing - General Obliga		Local/State	\$ 13,676,887	
32	Upper Bee Branch Creek -Purchase/ Deco		LocalyState	3 13,070,007	
53			Local/State	¢ 2.272.206	
23	Housing - State Sales Tax Increment Bond		Local/State	\$ 2,373,206	
	17th Street/West Locust Storm Sewer Pr	operty Acquisition/Easements -	1 1/6: .	_	
54	Sales Tax Increment Bond Flood Mitigation Maintenance Facility - F	washeed / December with a /	Local/State	\$ -	
ЕЕ	-		Lacal/State	ć (02.0F2	
55	Maintenance of Housing - State Sales Tax		Local/State	\$ 693,853	
56	22nd Street Storm Sewer Property Acqui	Sition & Easement: - Sales Tax	Local/State	\$ -	
57	Increment Bond TOTAL		Local/State	-	ć (005.03C)
		420 502 702		\$ 20,187,069	\$ (885,926)
	Construction:	\$ 139,593,792			
59	Carter Road Detention Basin - General O	oligation Bonds	Local/State	\$ 749,062	
60	West 32nd Street Detention Basin - U.S.	EPA State Revolving Funds		4 744 000	
60			Federal	\$ 1,711,836	
61	Historic Millwork District - General Oblig	ation Bonds	Local/State	\$ 1,649,072	
62	Historic Millwork District - TIGER Grant		Local/State	\$ 5,600,000	
63	Lower Bee Branch - State Sales Tax incre	nent	Local/State	\$ 31,435	
64	Lower Bee Branch - U.S. EPA State Revol	ving Funds	Federal	\$ 6,843,436	
65	Lower Bee Branch - I-Jobs II Grant		Local/State	\$ 3,695,500	
66	Lower Bee Branch - RECAT Grant		Local/State	\$ 189,142	
67	Lower Bee Branch - Storm Water Utility		Local/State	\$ 1,020,966	
	Lower Bee Branch - Repair lightning dam	age - State Sales Tax Increment			
68	Bond	0	Local/State	\$ 658	
69	Construction Trailer - State Sales Tax Inci	omant Rand	Local/State	\$ 17,670	
03	Constituction Trailer - State Sales Tax Inch	ement bond	LocalyState	7 17,070	
70			1 1/6: .	40.505.045	
70	Upper Bee Branch Creek Construction - S	tate Sales Tax Increment Bond	Local/State	\$ 18,625,317	
	Upper Bee Branch Creek Construction - L	J.S. EPA State Revolving Funds			
71	``		Federal	\$ 22,951,178	
72	Upper Bee Branch Creek Construction - I		Local/State	\$ 940,000	
73	Upper Bee Branch Creek Construction - F		Local/State	\$ 2,060,858	
74	Upper Bee Branch Creek Construction - E	DA	Federal	\$ 1,227,138	
75	Upper Bee Branch Creek Construction - N	ISB	Local/State	\$ 1,000,000	
76	Upper Bee Branch Creek Construction - S	RT	Local/State	\$ 100,000	
	17th Street/West Locust Storm Sewer Co	nstruction - Sales Tax Increment			
77	Bond		Local/State	\$ 1,967,671	
78	Impervious Surface Reduction - U.S. EPA	State Revolving Funds	Federal	\$ 7,704,321	
79	Impervious Surface Reduction - State Sal	es Tax Increment	Local/State	\$ 1,383,448	
80	22nd Street Storm Sewer Construction -	Sales Tax Increment Bond	Local/State	\$ 1,691,756	
	Bee Branch Creek Railroad Culverts - Sta				
81	- Local -		Local/State	\$ 15,432,957	
82	TOTAL			\$ 96,593,422	
_	Contingency:	\$ 11,337,000			
84	· .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		\$ -	
85	TOTAL			\$ -	\$ 11,337,000
99	IOIAL			T	7 11,007,000

0.0	A B C D E	F 47.420.000	G	Н	
86 87	Financing Interest:	\$ 17,430,000		ć 007.443	
88	Carter Road Detention Basin GO Bond W. 32nd Street Detention Basin SRF Loan			\$ 887,442 \$ 601,895	
89	Lower Bee Branch Creek SRF Loan			\$ 601,895 \$ 2,319,862	
90	Lower Bee Branch GO Debt			\$ 5,202,255	
91	Green Alley SRF Debt			\$ 1,100,163	
92	Historic Millwork District - General Obligat	tion Ronds		\$ 2,090,024	
93	Sales Tax Increment Bond Series 2014A	tion bonds		\$ 2,409,788	
94	Sales Tax Increment Bond Series 2015A			\$ 4,927,766	
95	Upper Bee Branch Creek 2015 SRF loan (SI	RF 2021)		\$ 2,390,637	
96	Upper Bee Branch Creek 2019 SRF loan			\$ 365,601	
97	TOTAL			\$ 22,295,433	\$ (4,865,433)
98	Financing Reserve:	\$ 4,450,000		· · ·	
99		, , , , , , , , , , , , , , , , , , , ,		\$ -	
100	TOTAL			\$ -	\$ 4,450,000
101	Total Project Budget Summary	\$ 209,929,536		\$ 162,567,903	\$ 47,361,633
			LOCAL	CTATE	Total Evnandad to
102	FUNDING SOURCE:	FEDERAL (from Application)	LOCAL (from Application)	STATE (from Application)	Total Expended to Date
103		6 40.004.070	-друпсацоп)	Αμμιτατίστη	
_	U.S. EPA Clean Water SRF U.S. EDA Disaster Relief Grant	\$ 49,021,052 \$ 1,227,138			\$ 48,551,818 \$ 1,227,138
	U.S. DOT TIGER Grant	\$ 1,227,138	\$ 5,600,000		\$ 1,227,138 \$ 5,600,000
_	I-Jobs II Grant		\$ 3,965,500		\$ 3,695,500
	RECAT Grant		\$ 2,250,000		\$ 2,250,000
	U.S. DOT National Scenic Byways Grant		\$ 1,000,000		\$ 1,000,000
	State Recreational Trail Grant		\$ 100,000		\$ 100,000
	DMATS		\$ 940,000		\$ 940,000
112	General Obligation Bonds		\$ 48,227,604		\$ 36,470,948
113	Private Donations		\$ 165,244		\$ 207,875
114	Sale of Assets and Land		\$ 336,358		\$ 585,802
	Stormwater Utility Fees		\$ 14,394,096		\$ 19,262,524
	Sanitary Sewer Fees				\$ -
	LLC EDA Class Mater CDE (reserves est)	\$ (24,491,634)		\$ 24,491,634	\$ -
118	U.S. EPA Clean Water SRF (repayment)	3 (24,431,034)		4 74,000 544	4
	Sales Tax Increment	(24,491,034)		\$ 74,002,544	\$ 42,676,298
119	Sales Tax Increment Total Project Funding Source	\$ 25,756,556	\$ 76,978,802		\$ 42,676,298 \$ 162,567,903
119	Sales Tax Increment Total Project Funding Source Indebtedness Incurred	\$ 25,756,556		\$ 98,494,178	\$ 162,567,903
121	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.)		\$ 76,978,802 Length of Term (start & end)		
121	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series	\$ 25,756,556 Rate of Interest	Length of Term (start & end)	\$ 98,494,178 Costs of Issuance	\$ 162,567,903 Net Proceeds
121	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A)	\$ 25,756,556		\$ 98,494,178	\$ 162,567,903 Net Proceeds
121 122	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series	\$ 25,756,556 Rate of Interest	Length of Term (start & end)	\$ 98,494,178 Costs of Issuance \$ 40,398	\$ 162,567,903 Net Proceeds \$ 8,120,912
121 122 123	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A)	\$ 25,756,556 Rate of Interest 3.23%	Length of Term (start & end) 6/16/14-6/1/29	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011
121 122 123 124	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A)	\$ 25,756,556 Rate of Interest 3.23% 3.78%	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000
121 122 123 124 125	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75%	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000
121 122 123 124 125 127	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date
121 122 123 124 125 127 128	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000
121 122 123 124 125 127 128 129	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000
121 122 123 124 125 127 128 129 130	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Various	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296
121 122 123 124 125 127 128 129 130 131	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000
121 122 123 124 125 127 128 129 130 131 132	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street Morrison Brothers - East 7th Street	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di Derks Is see Attachment B)	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity strict	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000 \$ 4,300,000
121 122 123 124 125 127 128 129 130 131 132 133	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street Morrison Brothers - East 7th Street Graybill Custom Builders - New Residential De	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di Derks Is see Attachment B)	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity strict	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000 \$ 4,300,000 \$ 4,300,000 \$ 4,025,000
121 122 123 124 125 127 128 129 130 131 132 133 134	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street Morrison Brothers - East 7th Street Graybill Custom Builders - New Residential De Dubuque Stamp - 3190 Jackson Street	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di Derks Is see Attachment B)	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity strict	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000 \$ 4,300,000 \$ 4,300,000 \$ 3,000,000
121 122 123 124 125 127 128 129 130 131 132 133 134 135	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street Morrison Brothers - East 7th Street Graybill Custom Builders - New Residential De Dubuque Stamp - 3190 Jackson Street Mark GudenKauf - New Residential Developm	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di Derks Is see Attachment B)	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity strict	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000 \$ 4,300,000 \$ 4,300,000 \$ 4,025,000 \$ 3,000,000 \$ 2,126,000
121 122 123 124 125 127 128 129 130 131 132 133 134 135 136	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street Morrison Brothers - East 7th Street Graybill Custom Builders - New Residential De Dubuque Stamp - 3190 Jackson Street Mark GudenKauf - New Residential Developm Engine House - 1805 Central	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di Derks Is see Attachment B)	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity strict	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000 \$ 4,300,000 \$ 4,300,000 \$ 4,025,000 \$ 3,000,000 \$ 2,126,000 \$ 1,910,000
121 123 124 125 127 128 129 130 131 132 133 134 135 136 137	Sales Tax Increment Total Project Funding Source Indebtedness Incurred (Bonds, etc.) Sales Tax Increment Revenue Bond (Series 2014A) Sales Tax Increment Revenue Bond (Series 2015A) Upper Bee Branch SRF 2015 Upper Bee Branch SRF 2019 Gronen Restoration & Tennant Modifications Novelty Ironworks - 333 E. 10th Street - Ryan Residential Improvements/Additions - (Variou Rainbo Oil - 1260 E. 16th Street Morrison Brothers - East 7th Street Graybill Custom Builders - New Residential De Dubuque Stamp - 3190 Jackson Street Mark GudenKauf - New Residential Developm Engine House - 1805 Central Bethany Home - 1005 Lincoln Ave - Addition	\$ 25,756,556 Rate of Interest 3.23% 3.78% 1.18% 1.75% NON-PUBLIC INVESTMENT - Caradco Building - Millwork Di Derks Is see Attachment B) Evelopment - Ashley Lane/Danling Interest - Peach Tree Lane	Length of Term (start & end) 6/16/14-6/1/29 6/15/15-6/1/31 6/15/15-6/1/31 6/1/19-6/1/40 - Entity strict	\$ 98,494,178 Costs of Issuance \$ 40,398 \$ 110,950 \$ 785,524	\$ 162,567,903 Net Proceeds \$ 8,120,912 \$ 20,637,011 \$ 30,941,000 \$ 16,382,000 Total to Date \$ 33,000,000 \$ 20,760,000 \$ 20,608,296 \$ 5,000,000 \$ 4,300,000 \$ 4,300,000 \$ 4,025,000 \$ 3,000,000 \$ 2,126,000 \$ 1,910,000 \$ 1,886,000
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City of Dubuque Bee Branch Watershed Flood Mitigation Project Progress Report Narrative

(4-30-22)

PROJECT STATUS

The City continues to make progress on multiple phases of the Bee Branch Watershed Flood Mitigation Project.

NOTE: When the bid for a contract associated with the Upper Bee Branch Creek Restoration Project, Phase 7 of the multi-phase Bee Branch Watershed Flood Mitigation Project (Project), was \$9 million over budget, the shift in funding necessary to proceed affected the timeline of other Project phases.

Phase 1 – Carter Road Detention Basin [Complete]

Mowing and debris removal performed as planned.

Phase 2 – W.32nd Street Detention Basin [Complete]

Mowing and debris removal performed as planned. A controlled burn was performed in the April of 2017 and in the spring of 2022. Sediment removal was completed in May of 2021.

Phase 3 – Historic Millwork District [Complete]

Pervious pavements were inspected and cleaned per established schedule.

Phase 4 – Lower Bee Branch Creek Restoration [Milestone Completion Date: June of 2015] With work substantially complete, progress continues on the Lower Bee Branch Creek Restoration. The improvements associated with the dual-purpose maintenance/pedestrian trail around the southeastern edge of the Bee Branch ponding area was bid in early 2022. Bids were rejected due to higher-than-expected costs. Pending value engineering, the work will be rebid in the coming months.

The Leisure Services Department continues mowing and trash/debris removal as needed. A controlled burn of the prairie grass along the creek and around the ponding area was completed to eliminate invasive, non-native plant species.

Phase 5 – Flood Mitigation Gate & Pump Replacement [Milestone Completion Date: June of 2015]

Due to the record rainfalls in 2010 (a 100-year rain event) and 2011 (a 500-year rain event) that impacted the Bee Branch Watershed, the design parameters were studied and ultimately adjusted such that the facility could accommodate something larger than a 10-year flood event





as originally designed. The City's consulting engineer evaluated five alternatives. The preferred alternative included the:

- Replacement of the existing flood gates;
- Installation of an additional flood gate;
- Replacement of the existing flood pumps and installation of additional pumps;
- Replacement and updating of the electrical service to current standards;
- Installation on an additional back-up generator for the additional pumps.

Based on the engineering analysis performed in conjunction with the City of Dubuque, Iowa Planning Assistance to States Report (United States Army Corps of Engineers, September 2020), the preferred option would accommodate the 500-year rain event.

Phase 5 of the Project has been amended to reflect the preferred alternative as it best addresses the flooding that has been occurring since 1999. It also provides for additional resiliency options as rainstorms increase in both depth and intensity. This represents an expanded scope over what was originally proposed in the City's State Flood Mitigation Program application (Application) which considered just the replacement of the gates at an estimated cost of \$4,085,704.00.

The City of Dubuque's consulting engineer, Origin Design (formerly IIW), has been working to develop and refine the project design. With the development of the final construction documents, the cost estimate for the project is now is \$17.5 million. Thus, the project is now estimated at \$13.5 million over the original budget reflected in the Bee Branch Watershed Flood Mitigation Project submitted with the City's Application.

The City sought additional grant funding to offset the cost associated with the expanded scope and was successful in securing a \$2.5 million grant through the U. S. Economic Development Administration (EDA). With the EDA grant funding, the City costs is \$15 million. The project is currently out for bids. The current schedule for the improvements is as follows:

Event/Milestone	Date of Completion
Initiate Bidding	April 2022
Award of Construction Contract	June 2022
Construction Start	July 2022
Construction Completed	April 2024

Because of the scope and associated cost increase, construction of the Bee Branch Flood Mitigation Gate & Pump Replacement project will delay other phases of the 12-phase Bee Branch Watershed Flood Mitigation Project.





Phase 6 – Impervious Surface Reduction [Milestone Completion Date: December of 2033] To date 80 of 240 impervious alleys have been converted into green alley, pervious pavement systems. The \$9.4 million in SRF sponsorship funding has been spent as anticipated. Two alleys are under design and scheduled for construction in 2022.

The Public Works Department continues to inspect the pervious pavement systems on a semiannual basis, vacuum sweeping them annually and more frequently on an as-needed basis.

Phase 7 – Upper Bee Branch Creek Restoration [Milestone Completion Date: December of 2016]

The improvements were bid and constructed under multiple contracts. The first four contracts involved improvements from Garfield Avenue to E. 24th Street. They were complete in the summer of 2015.

The total cost for the first four contracts was \$9 million over the Engineer's opinion of probable cost, and \$9 million more than what was budgeted for the improvements. To proceed, bidding and construction of the final contracts, the installation of culverts through railroad property on Garfield Avenue owned and operated by Canadian Pacific Railway. In early 2016, it was announced that the City would receive \$9 million through the HUD National Disaster Resiliency Competition (HUD NDRC) to cover the shortfall associated with the first four contracts. In October of 2016 the funding agreement was executed.

In February of 2019, the City awarded the construction contract for the Upper Bee Branch Creek Railroad Culverts Project in the amount of \$25,900,000.00, which was 1.24% over the engineer's estimate. The Upper Bee Branch Creek Railroad Culverts Project (Project) represents the final contract associated with the Bee Branch Creek Restoration Project (Phase 4 & 7 of the Bee Branch Watershed Flood Mitigation Project).

Project elements include the installation of six, 8-foot diameter culverts under the railroad tracks using tunneling methods; this work was completed in late October of 2020. And with construction nearing completion on the final two contracts, a ribbon cutting was held on November 21, 2021, to commemorate achieving the milestone of the improvements being able to handle the 500-year rainstorm.

The improvements will allow for the efficient flow of floodwaters from the recently completed upper Bee Branch Creek improvements, through the railroad yard on Garfield Avenue, to the lower Bee Branch Creek.





Phase 8 – 22nd St/Kaufmann Ave Storm Sewer Impr. [Milestone Completion Date: December of 2016]

The construction contract for the first segment of the improvements, from Elm Street to White Street, was awarded in April of 2018 and is now complete. The construction contract for the second segment, from White Street to Francis Street, was awarded in March of 2019 and is also complete. Construction of the third and final segment, from Francis to North Main Street was also completed in late 2020.

Phase 9 – Flood Mitigation Maintenance Facility [Milestone Completion Date: June 2020] The City has purchased the two properties required for the facility. Site clearing activities are under way, first addressing the environmental issues with the property. The City has been working with the US EPA to develop the scope of the cleanup activities for the brownfield site. The site has also been enrolled in the Iowa Department of Natural Resources voluntary Land Recycling Program. Cleanup of the easterly property is complete. Cleanup activity of the westerly property, which has been delayed due to the COVID-19 pandemic. It is expected to be complete in 2022. Design of the maintenance facility will follow completion of the cleanup activity.

Phase 10 – North End Storm Sewer Improvements [Milestone Completion Date: December 2017]

This phase of the project has been delayed in conjunction with the delays associated with Phase 4 and Phase 7 as they must be completed first.

Phase 11 – Water Plant Flood Control [Milestone Completion Date: June 2020]

The USACE created a sophisticated computer model that can predict the depth of inundation, time to inundation, and inundation paths at critical infrastructure for hypothetical levee breach scenarios. The USACE levee breach analysis was not initiated because of any known imminent risk of failure to the levee protecting Dubuque, but instead as an effort to improve emergency planning and communication of the potential risks associated with the levee. The main goal of their work was to further advance the USACE's new computer software tool [HEC-RAS 5.0]. It also helped to further their mission to ensure that the public understands the risks of "living behind a levee." In 2015, the City hired engineering consultant HDR to advance the 2-D modeling work started by the USACE. HDR refined the model by adding break lines to better match the existing terrain, spatially varied flow path characteristics, and incorporated the existence of buildings within the model. The City will be able to utilize the model when designing the flood control/prevention system to protect the City's sole potable water treatment plant from flooding. The study is now complete. It will aid in the planned design of the water plant flood protection system.





Phase 12 – 17th **St/W. Locust Storm Sewer Impr.** [Milestone Completion Date: December 2020] The first segment, between Pine Street and Elm Street, was completed in late 2017. The second segment, between Elm Street and Heeb Street is also complete. The third, and final segment, between Heeb Street and Iowa Street, was completed in the spring of 2021.