



AGENDA
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 N NEW BALLAS RD
MARCH 15, 2023
4:45 PM

I. CALL TO ORDER

II. ROLL CALL

III. APPROVAL OF AGENDA

IV. STORMWATER MANAGEMENT PLAN - INTUITION & LOGIC PRESENTATION

V. APPROVAL OF MINUTES

1. January 11th, 2023 Minutes

VI. NEW BUSINESS

2. Capital Improvement Plan
Summary:

VII. UNFINISHED BUSINESS

3. Cost Share Program

VIII. BUSINESS FROM STAFF

IX. COMMENTS FROM THE PUBLIC

X. NEXT MEETING DATE

XI. ADJOURNMENT

Posted by: _____

Date/Time posted: _____

If you need special accommodations to attend a meeting, services may be arranged by contacting the Office of the City Administrator in advance.



MINUTES
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 NORTH NEW BALLAS RD
JANUARY 11, 2023
4:45 PM

I. CALL TO ORDER

4:52 by Dick Kutta

II. NEW BUSINESS

1. Stormwater Management Plan - Consultant Presentation

Tim Dean the project manager for Intution and Logic (I&L) gave a presentation on the project overview for the Stormwater Master Plan. Also in attendance were Mark Meyer (I&L), Jenna Stomabaugh (I&L), Kevin Corwin (AMPM), and Curtis (EDM). EDM's role is to handle stormwater complaint sites. I&L is taking lead on all the channel condition sites. Everything will be compiled into reports. The report will be developed in sections. As each section is completed, a draft will be reviewed, commented on, and submitted. At the end, each section will be compiled into one report. Kevin Corwin's role on the program team is to help with the implementation of the CIP software.

Tim Dean Presented I&L's Creve Coeur Watershed Masterplan Schedule. Following tonight's kick-off meeting with the Stormwater Committee, I&L will soon start site visits. There are 7 sites that have been approved by the City and will be investigated to get CIP projects underway. While the site visits are occurring, there is a stormwater questionnaire that will be sent out to residents. The questionnaire has 7 questions. There is an online reporting portal for the stormwater questionnaire with a map that residents will have access to and report stormwater concerns. The questionnaire will also be mailed out to residents. There will be open house meetings for residents to attend that may have any questions, require additional information, or need assistance filling out the questionnaire. The first open house meeting will be on March 22nd. The open house will be announced in the February newsletter and the questionnaire will be sent out at the same time. The open house meeting will occur in the Council Chambers. In February, teams will start the channel condition assessment to look at the channels for erosion and utility problems. There will be an announcement in the newsletter to make residents aware of the channel condition assessment. There are 45 working days (about 3 month period) to do the channel condition assessment. In February they will also be working on the Prioritization Ranking Method to have the criteria established and vetted for phase two. The ranking method will be based on MSD and tailored towards the City's needs. The reason to base it off of MSD is to allow the City to ask MSD for funding for projects. There will be a second open house the week of the 23rd of May. The goal for the second open house will be to review what has been found and to discuss the prioritization ranking method. Priorities for the City are typically going to be structural flooding, threats to utilities, threats to streets, and



**MINUTES
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 NORTH NEW BALLAS RD
JANUARY 11, 2023
4:45 PM**

things along those lines. Lower priority ranking would be yard flooding and things in those nature. Resident input and comments will be incorporated into the full draft submittal. The full draft submittal will be ready to present to Council in the first part of July with a presentation at the Council Meeting.

Part two will follow the presentation at the Council Meeting. Part two is project development. There will be a follow-up site visit to verify the extent of projects and proposed solution. Once that has been vetted, I&L will start developing the cost, layout, and quantity of projects. There will be a Stormwater Committee meeting and a third open house meeting to discuss projects and obtain feedback. After Open house 3, the implementation plan and ranking will be developed. Open house number 4 will review the rankings and obtain resident feedback. Open house number four will discuss potential ordinance changes. Throughout this entire process I&L will look at potential ordinance changes. Depending on the problem and issues, whether it is with streets or channels, I&L will prepare ordinance changes or alterations to address the concerns moving forward to the future. Those will be drafted and vetted by the City and then presented at open house number 4. I&L will be implementing a CIP data system - which is computer software used to prioritize and implement the CIP program. Sites may be ranked at 1, 2, 3, or 4. However, depending on funding mechanisms, that order may change to the highest and best use for the City according to the CIP data system software. The software will be vetted for best usage for the City. It will be tailored to City needs/wants. Once projects/ implementations are identified, they will be programed into the CIP software. The CIP implantation will be apart of the draft submittal. The report draft will be presented at the second council meeting for approval around this time next year. Part one and part two will take 6 months each (a year total) to complete the process.

Following the overview of the Stormwater Master Plan Process, Tim Dean opened up a discussion for questions.

Dick Kutta asked, What are your thoughts on existing ordinances? Are they in need of significant updates?

Tim Dean responded that a lot of it could be tailoring them to problems that you are seeing. If you are having problems with water quality, it may involve taking criteria for MSD which is one acre and larger and dialing it down to something more restrictive, like 5,000 feet. systems, more restrictions. It could also include water offsets with building projects.



**MINUTES
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 NORTH NEW BALLAS RD
JANUARY 11, 2023
4:45 PM**

Bernard Feldman commented that he thinks a lot of it is already happening in the City.

Jim Heines replied that we do have the implantation of 2,000 square feet disturbance, but it is only for the additional impervious surface. We are not looking at the entire lot. We are trying to make sure it is not worse than what it is today. Any additional runoff needs to be addressed.

Tim Dean responded, the study will help provide data. It will provide what we are seeing in the watershed, as the actual complaints. It will help determine the root cause of the problem and what solutions are available.

I&L presented an online public portal that will be for the residents to utilize to report stormwater concerns. It has a map feature for the City with a boundary overlay. Residents can drop a pin to report a stormwater concern. When residents drop the pin on a location, the questionnaire will come up to gather further information. The information and comments entered with the pin drop will be viewable for all who access the site. The only thing that will not be public is the resident's contact information. The online portal will be prepopulated with known complaints the City has received before the questionnaire.

Samantha Davies asked, "how will this be shared out?"

It will be shared out through the City newsletter and a hard copy of the questionnaire will be sent out via mail. It will also be posted to the City's website, social media, and email blasts. We will use all the options City has available to the public to share the questionnaire and information related to the study. Residents will also be able to see their concerns displayed on the system. Their entry will be there. Any paper copies will be uploaded to the CIP software portal. Open house number 2 the board will be up to see the problem areas and projects that have been identified.

Tim Carney asked if this will be open to commercial properties?

Tim Dean responded that there are not any objections to commercial properties reporting. He would like to seek as much input as he can.

Jim Heines responded that we should not limit where the reporting is coming from. His opinion is that the prioritization of where the City is going to invest funds for commercial versus residential. Residential would carry more weight.

Tim Dean added that it all ties into the prioritization weightings. He would rather have all the data up front and encourage them to report.



**MINUTES
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 NORTH NEW BALLAS RD
JANUARY 11, 2023
4:45 PM**

Dick Kutta asked if there could be a handout summary (take away) after each open house for those that do not have social media access or will not be at the meetings. It was agreed that it would be beneficial to have it available to the public.

Samantha Davies suggested including a paragraph or asterisk on the newsletter that it is a public open house.

Jim Heines responded that each newsletter would have a special invitation to attend the open house for the stormwater management plan. It will also be sent out through social media and email to get as much participation as we can.

Kevin Corwin from AMPM displayed and modeled an example of how to pin drop a location on the mapping software to report stormwater concerns.

III. ROLL CALL

IV. APPROVAL OF MINUTES

2. September 14th, 2022 Minutes

Peter Wazlawek made a motion for approval of the September 14th, 2022 minutes. Bernard Feldman seconded. All in favor.

3. November 16th, 2022 Minutes

Peter Wazlawek made motion for approval of the November 16th, 2022 minutes. Bernard Feldman seconded. All in favor.

4. December 14th, 2022 Minutes

Peter Wazlawek motioned for the approval of the December 14th, 2022 minutes. Mary Helen Gerst Seconded. All in favor.

V. UNFINISHED BUSINESS

5. Cost-Share Program Update

Dick Kutta presented a draft of a breakdown of the types of projects and costs for the Cost-Share Program.



**MINUTES
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 NORTH NEW BALLAS RD
JANUARY 11, 2023
4:45 PM**

Jim Heines suggested changing the wording from commercial projects to subdivision projects to show the depth and scope of the project. The Cost-Share Program would be more for the benefit of the residential areas. Commercial areas have requirements for upkeep. The criteria for the cost-share program projects will need to be further developed to determine what will qualify for the program. Samantha Davies suggested when the Cost-Program is enacted that there is a web page dedicated to Frequently Asked Questions (FAQs) about the program to help residents understand what types or projects are covered under the program or not.

VI. BUSINESS FROM STAFF

Jim Heines discussed an update with the CIP. There is going to be a plug number of \$100,000 for the design of projects. This would allocate \$100,000 for the design of projects for the Fiscal Year 24 (FY24) for July 23 through June 24. There will also be a plug number of around \$500,000 for the construction of those projects. There is also the OMCI Deer Creek funding, which is close to \$250,000. Which leaves an estimate of \$750,000 for construction funding.

Dione Garson presented an idea to the stormwater committee regarding the Beautification Contest the Horticulture, Ecology and Beautification Committee hosts including a stormwater management component. Jim Heines suggested working with the Horticulture, Ecology and Beautification Committee on creating a new category combining stormwater benefits and native garden benefits that could involve rain gardens or bioswales.

VII. NEXT MEETING DATE

The subdivision trustee meeting will be on January 26th in the multipurpose room at 6:30pm. The next Subcommittee meeting will be on February 15th at 4:45pm. The next Stormwater Committee meeting will be on March 15th at 4:45pm.

VIII. ADJOURNMENT

Peter Wazlawek made a motion to adjourn at 6:30pm. Second by Kathy Rizzo. All in favor

PARKS AND STORMWATER FUND

9501 GOVERNMENT FACILITIES	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal (Government Facilities) % of Total Parks-Stormwater Tax Fund Outlay	0%	0%	0%	0%	0%	0%	0%	0%	0%

9506 PARKS AND RECREATIONAL FACILITIES	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
01 Park Preliminary Designs	50,000	-	-	-	-	-	-	-	-
02 Implementation of Park Master Plan	500,000	-	-	-	-	-	-	-	-
03 Historic Building Rehabilitation and Preservation	25,000	-	25,000	25,000	100,000	25,000	25,000	25,000	25,000
04 Conway Park Cabins Relocation	-	-	75,000	65,012	-	-	-	-	-
05 Park Restroom Renovations	110,000	26,588	40,000	23,500	120,000	60,000	60,000	-	-
06 Park Path Improvements (Municipal Park Grant)	680,000	481,532	-	163,952	-	-	-	-	-
07 Malcolm Terrace Parking Lot Improvements (CDBG Grant)	50,000	74,584	-	-	-	-	-	-	-
08 Park Identification Signage Master Plan	20,000	-	-	-	-	20,000	-	-	-
09 Park Parking Lot Sealing	50,000	15,570	-	-	-	-	-	25,000	-
10 Park Furniture Replacement	80,000	-	-	-	20,000	20,000	20,000	20,000	20,000
11 Malcolm Terrace Park Trail Improvements	150,000	66,179	-	22,044	-	-	25,000	-	-
12 Repaint & Restripe Conway Park and Lake School Park Tennis Courts	75,000	115,170	-	-	-	-	-	-	-
13 Remove Small Playground at Millennium Park	20,000	-	-	-	-	-	-	-	-
14 Millennium Park Improvements - Phase 1	-	66,901	1,590,000	131,930	2,300,000	-	-	-	-
15 Millennium Park Improvements - Phase 2 - Trails & Ridgemoor Forest Connection	-	-	100,000	-	-	-	100,000	850,000	-
17 Venable Park Improvements - Phase 1 - Trail, Bridge, Tennis Courts & Splash pad	-	-	-	-	125,000	2,000,000	-	-	-
19 Playground Safety Surface Replacement (Venable 2023 & Conway 2026)	-	-	-	131,270	-	-	125,000	-	-
20 Lake School Park - Phase 1 - Master Plan, Grading & Playground				39,100		75,000	350,000		
21 Millennium Park - Phase 3 - Park Entrance & Parking Lot Improvements								70,000	400,000
22 Lake School Park - Phase 2 - Tennis Court Complex									1,000,000
23 39N Greenway Connection to Centennial Trail					33,750				
24 Venable Park Memorial (HDR Foundation Grant)				11,500	288,500				
Subtotal (Parks and Recreational Facilities) % of Total Parks and Stormwater Fund Outlay	1,810,000 86%	846,524 92%	1,830,000 73%	613,308 37%	2,987,250 70%	2,200,000 63%	705,000 40%	990,000 50%	1,445,000 60%

9509 STORMWATER	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
01 Watershed Management Plan	15,000	-	200,000	448,026	50,000	-	-	-	-
02 Implementation of the Watershed Management Plan	-	-	-	-	-	500,000	500,000	600,000	600,000
03 Stormwater Improvements (Deer Creek - Deer Creek OMCI)	-	-	-	-	-	224,000	224,000	224,000	224,000
04 Hibler Roadside Drainage	50,000	-	25,000	70,673	339,000	-	-	-	-
05 Alden Lane Drain Replacement (Deer Creek OMCI)	35,000	9,700	20,000	39,533	67,000	-	-	-	-
06 Ballas Culvert Erosion Rehabilitation (Deer Creek OMCI)	75,000	4,940	50,000	84,947	380,000	-	-	-	-
07 Golf Course Pond Aeration (Deer Creek OMCI)	25,000	-	25,000	13,000	64,000	-	-	-	-
08 Hibler Woods Drain Replacement	-	-	20,000	-	30,000	-	-	-	-
09 Stormwater Concept Plans (Design)			175,000	-	150,000				
10 Middlebrook Stormwater Restoration - Tree Plantings	-	13,400	-	-	-	-	-	-	-
11 Lake Dredging - Conway Park & Golf Course (Design & Construction)					40,000	450,000	200,000		
12 Millennium Park Detention Emergency Repair				241,200	-				

Subtotal (Stormwater)	200,000	28,040	515,000	897,379	1,120,000	1,174,000	924,000	824,000	824,000
% of Total Parks and Stormwater Fund Outlay	9%	3%	21%	55%	26%	33%	52%	42%	34%

9510 STREETS AND SIDEWALKS	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal (Streets and Sidewalks)	-	-	-	-	-	-	-	-	-
% Total Parks-Stormwater Tax Fund Outlay	0%	0%	0%	0%	0%	0%	0%	0%	0%

9516 CAPITAL EQUIPMENT	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
01 Parks Capital Equipment	-	-	30,000	-	30,000	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal (Capital Equipment)	-	-	30,000	-	30,000	-	-	-	-
% of Total Parks and Stormwater Fund Outlay	0%	0%	1%	0%	1%	0%	0%	0%	0%

CAPITAL PROJECT ADMINISTRATION	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
01 Project Management	104,364	42,002	120,896	132,035	137,795	142,000	146,300	150,700	155,300
Subtotal (Administration)	104,364	42,002	120,896	132,035	137,795	142,000	146,300	150,700	155,300
% of Total Parks and Stormwater Fund Outlay	5%	5%	5%	8%	3%	4%	8%	8%	6%

CAPITAL OUTLAY SUMMARY	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
Total Parks-Stormwater Tax Fund Outlay	2,114,364	916,566	2,495,896	1,642,722	4,275,045	3,516,000	1,775,300	1,964,700	2,424,300
% of Total Annual Expenses	85%	71%	84%	77%	87%	84%	72%	74%	78%

OPERATIONS AND MAINTENANCE	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
Transfer Out - General Fund (Parks and Stormwater Operations and Maintenance)	380,000	380,000	492,198	492,198	654,871	667,968	681,328	688,141	695,024
Subtotal	380,000	380,000	492,198	492,198	654,871	667,968	681,328	688,141	695,024
% of Total Annual Expenses	15%	29%	16%	23%	13%	16%	28%	26%	22%

9514 DEBT SERVICE	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
N/A	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-
% of Total Annual Expenses	0%	0%	0%	0%	0%	0%	0%	0%	0%

TOTAL ANNUAL EXPENSES (Capital Outlay, Transfers Out, and Debt Service)	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
	2,494,364	1,296,566	2,988,094	2,134,920	4,929,916	4,183,968	2,456,628	2,652,841	3,119,324

PARKS AND STORMWATER FUND REVENUES	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
Beginning Fund Balance (estimated Cash Basis as of July 1)	485,907	485,907	2,988,692	2,988,692	4,035,802	2,501,346	1,587,105	2,439,023	3,132,263
Estimated Parks-Stormwater Tax Revenue (Half-Cent Sales Tax)	1,900,000	2,564,852	2,485,601	2,912,168	2,970,411	3,029,819	3,060,117	3,090,718	3,121,625
Estimated Interest Revenue	100	4,466	100	52,862	25,049	15,908	24,429	31,363	31,705

Estimated Additional Revenue (Grants, Reimbursement, and Other)	595,500	480,500	140,000	217,000	400,000	224,000	224,000	224,000	-
Capital Fund Transfers In	-	-		-	-	-	-	-	-
General Fund Transfers In	-	749,533		-	-	-	-	-	-
Proceeds from Equipment Sales	-	-		-	-	-	-	-	-
Total Revenues & Transfers In - Parks and Stormwater Fund	2,495,600	3,799,351	2,625,701	3,182,030	3,395,460	3,269,727	3,308,546	3,346,081	3,153,330
Total Anticipated Year End Expenditures	2,494,364	1,296,566	2,988,094	2,134,920	4,929,916	4,183,968	2,456,628	2,652,841	3,119,324
Ending Fund Balance (Cash Basis) - Parks and Stormwater Fund	487,143	2,988,692	2,626,299	4,035,802	2,501,346	1,587,105	2,439,023	3,132,263	3,166,269

ESTIMATED ADDITIONAL REVENUE (FUNDING SOURCES)	FY2022 BUDGETED	FY2022 ACTUAL	FY2023 BUDGETED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED	FY2028 PROJECTED
ADA Improvements (Community Development Block Grant)	20,000	40,000	-	-	-	-	-	-	-
Stormwater Improvements (Deer Creek OMCI)	-	-	-	-	-	224,000	224,000	224,000	
Alden Lane Drain Replacement (Deer Creek OMCI)	35,000	-	40,000	40,000	-	-	-	-	-
Ballas Culvert Erosion Rehabilitation (Deer Creek OMCI)	75,000	-	75,000	75,000	250,000	-	-	-	-
Golf Course Pond Aeration (Deer Creek OMCI)	25,000	-	25,000	25,000					
Park Path Improvements (Municipal Park Grant)	440,500	440,500		77,000	-	-	-	-	-
Venable Park Memorial (HDR Foundation Grant)	-	-	-	-	100,000	-	-	-	-
Venable Park Memorial (Private Donations)	-	-	-	-	50,000	-	-	-	-
Annual Total	595,500	480,500	140,000	217,000	400,000	224,000	224,000	224,000	-