



AGENDA
CITY OF CREVE COEUR
STORMWATER COMMITTEE
300 N NEW BALLAS RD - COUNCIL CHAMBERS
SEPTEMBER 11, 2024
4:45 PM

CALL TO ORDER

ROLL CALL

APPROVAL OF AGENDA

APPROVAL OF MINUTES

1. July 10, 2024 Minutes (Draft)

UNFINISHED BUSINESS

2. Nominations and vote - Appointment of Chair and Vice-Chair positions
3. Review of the City's restoration policy for stormwater projects

BUSINESS FROM STAFF

4. Cost-Share program:

a) Does the Committee have suggestions on how to increase awareness and participation in the program?

b) Proposed schedule for the second round of applications:

- November 2024 – post and advertise that the second round of funding applications are being accepted
- January 2025 – application window closes and the subcommittee meets to select recipients
- February 2025 – subcommittee's recommendations presented to the stormwater committee
- February 2025 – committee recommendations presented to the City Council for their consideration and approval
- February 2025 – notify applicants

c) Should the SWC work with the Horticulture, Ecology, and Beautification Committee (HEB) to develop a workshop for prospective applications.

- The HEB could recommend native plants that thrive in our climate and soil conditions.
- Perhaps the HEB could share sample planting plans for rain gardens -- sunny, partial shade, and full shade options.



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- The HEB could also potentially share ideas for the caring and maintenance of plants.

BUSINESS FROM MEMBERS

BUSINESS FROM COUNCIL LIASION

COMMENTS FROM THE GENERAL PUBLIC

NEXT MEETING DATE

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
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CALL TO ORDER

The meeting was called to order at 4:50 p.m.

ROLL CALL

Committee Chair Dick Kutta
Committee Member Patrick Brown
Committee Member Samantha Davies
Committee Member Zachary Hafez
Committee Member Kathleen Rizzo

Others Present: City Council Liaison Donna Spence, Director of Public Works Jim Heines, Assistant Director of Public Works/City Engineer Steven Berez, Civil Engineer, Dione Garson and Administrative Services Associate TaMara Pelkey.

Introduce newly appointed Stormwater Committee member Zachary Hafez

APPROVAL OF AGENDA

Kathleen Rizzo made a motion to amend the agenda items to move Business from Staff before Unfinished Business. Seconded by Samantha Davies

APPROVAL OF MINUTES

1. Stormwater committee and subcommittee draft meeting minutes from 05- 08- 2024

RESULT: Approval of the May 8th, 2024 meeting minutes

MOVER: Dick Kutta

SECONDER: Patrick Brown

AYES: Richard Kutta, Patrick Brown, Samantha Davies, Kathleen Rizzo, Zachary Hafez

NAYS: None



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NOMINATION AND VOTE - APPOINTMENT OF CHAIR AND VICE CHAIR POSITIONS

RESULT: Approval to extend the nominations for Chair and Vice Chair positions to the next

meeting

MOVER: Samantha Davies

SECONDER: Patrick Brown

AYES: Richard Kutta, Patrick Brown, Samantha Davies, Kathleen Rizzo, Zachary Hafez

NAYS: None

BUSINESS FROM STAFF

2. Staff Updates:

- **Hibler Road Drainage Improvements - construction phase**
- **Projects in Engineering design phase**

Civil Engineer, Dione Garson presented a PowerPoint slideshow explaining the seven projects currently in the Engineering design phase. The Hibler road drainage improvements project is in the construction phase and is on schedule to be completed in August 2024.

- Cost share projects are moving along
- The Golf Course Aeration project is complete
- A grant consultant is actively looking at our watershed management plan to identify possible projects that could be compelling candidates for grant funding opportunities. The consultant may also help prepare grant applications for funding.

Public Works has two summer interns helping to create educational resources to explain BMP's



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City Council Liaison, Donna Spence discussed a request presented to City Council for a text amendment to the Zoning Ordinance Section 405.470.A.22 regarding site coverage. Donna inquired if code changes are ever presented before the Stormwater Committee for input. This has not been done in the past, but City Engineer, Steve Berecz indicated he would discuss it with Jason Jaggi, Director of Community Development.

Stormwater Committee member Samantha Davies, asked if the highway 270/64 expansion project would create any stormwater concerns. Steve Berecz explained that the project will meet MSD requirements.

UNFINISHED BUSINESS

3. Review of the City's restoration policy for stormwater projects

Due to time constraints, the restoration policy was distributed to the members for their review to be discussed at the next meeting.

COMMENTS FROM THE GENERAL PUBLIC

No public in attendance

NEXT MEETING DATE

To be determined

ADJOURNMENT

RESULT: Approved the Motion to adjourn the meeting

MOVER: Kathleen Rizzo

SECONDER: Patrick Brown

AYES: Richard Kutta, Patrick Brown, Samantha Davies, Kathleen Rizzo, Zachary Hafez

NAYS: None



DEPARTMENT OF PUBLIC WORKS STAFF MEMORANDUM

DATE: October 6, 2023 revised March 4, 2024
TO: Stormwater Committee
FROM: Dione Garson, P.E., Civil Engineer
SUBJECT: Restoration and Easement Policy for Stormwater Program Projects

The following outlines the City's policy for restoring sites after the completion of City-funded stormwater projects. The goal of having a defined policy is to ensure that projects are consistently and equitably managed. With a restoration policy:

- Individual homeowners can feel assured that the restoration on their site are the same or similar to restoration that has been or will be performed for other homeowners.
- Residents across the City can feel confident that funding for stormwater projects is not being spent excessively to disproportionately benefit on any one homeowner.

Projects that benefit primarily individual homeowners

One example of a City-funded project that benefits primarily individual homeowners is streambank stabilization and restoration.

- Streambank stabilization and restoration projects can have some benefits to downstream residents such as:
 - Water quality improvements.
 - Reduction in erosion.
- The primary beneficiary, however, is the individual homeowner because these project may:
 - Protect privately-owned structures from flooding or being damaged from erosion.
 - Prevent or slow the widening of the creek along the sections of creek on the homeowner's lot.
 - Keep banks within private property limits more stable.
 - Enhance the appearance of the property with a natural solution that incorporates up to hundreds of livestakes and plants.
 - Removal of invasive species such as honeysuckle during the clearing and grubbing phase of construction.

The City's restoration policy for projects that benefit primarily individual homeowners includes:

Trees

- For each twelve-inch diameter or larger tree that is removed within the limits of construction, one new tree will be planted.
 - Replacement trees will have a one-year warranty.
 - Evergreen replacement trees will be six to eight feet tall planted.
 - The size of replacement deciduous trees will be two-inch caliper.
 - Invasive species will not be planted as replacement trees.
- The City will not prune or trim trees or bushes beyond the vertical or horizontal project limits. Vertical limits will be defined as the highest point construction equipment will likely reach.
- This section excludes existing trees within the physical limits of streambank restoration. Streambank restoration projects will generally plant live stakes.

Irrigation systems

- Irrigation system components within the limits of construction will be repaired if damaged and if the components are not within the right-of-way.
 - Irrigation systems within the right-of-way will not be repaired.
 - Before construction, if the homeowner marks the location of the irrigation system components within the right-of-way, the contractor will move the components outside the right-of-way.
 - Irrigation systems will not be extended beyond existing limits.

Location of underground conduits, pipes, and wires

- Homeowners will be expected to work with City staff and the contractor to identify the location of any underground conduit, pipes, wires, and any other underground asset that is within the project limits.
- Neither the City nor the contractor will be responsible for the cost of repairing underground assets not identified by the homeowner before work begins.

Cleaning

- Restoration will not include the following but is not limited to:
 - Power washing homes.
 - Washing of windows or vehicles.
 - Removing trees, grading, or other work beyond project limits.
 - Wet daily street or sidewalk cleaning – streets will be broom swept.

Pavement removal and replacement

- Existing asphalt driveways and paved surfaces will be replaced with asphalt.
 - Existing asphalt pavements will be saw cut before removals.
 - Replacement asphalt pavement shall be three-inch minimum thickness with four-inches compacted one-inch minus subgrade.
- Existing concrete driveways and paved surfaces will be replaced with concrete.
 - For residential driveways, six-inch minimum thickness placed on four-inches of compacted one-inch minus subgrade with expansion joint material separating slabs and the driveway from the back of curb.
 - Replacement is slab-to-slab, full slab replacement joint-to-joint.
 - If a driveway is non-standard, the City will pay for the cost of replacing a standard material and the homeowner will pay the difference.
- Pavement work will be done to the City of Creve Coeur standards.
- The homeowner may choose to have areas outside the construction limits repaved.
 - The homeowner will work directly with the contractor for the additional work.
 - The contractor can refuse to do additional paving beyond the limits defined by the City contact.
 - If both the contractor and the homeowner agree to paving additional areas outside the construction limits, then the contractor and homeowner can enter into a separate agreement.
 - City staff will not provide construction inspection services for work outside the construction limits of the City's project.
 - Additional work cannot impact the City project's schedule.
- City streets are managed and maintained under the City's Pavement Maintenance Program.
 - City streets will be replaced or repaired according to the City's Pavement Maintenance Program guidelines, criteria, and timelines.
 - Roadways and roadway components including but not limited to concrete slabs, curb and gutter, concrete section of the driveway apron, asphalt sections, and asphalt curb, will not be replaced under stormwater projects. Exceptions may be made in cases that impact public safety, and the roadway work must be approved by the Director of Public Works.

Grass

- Sod will be the standard replacement for grass that is disturbed within construction limits.
- As a substitution for sod, homeowners may choose to have wild flower native seed mix sown with a straw cover.
 - Plantings and maintenance of the native planting areas must remain in compliance with the following sections of City of Creve Coeur City Code Chapter 220 Weeds and Vegetation:
 - Sections 220.020 Use of Native Plant Communities As An Alternative in Urban Landscape Design.

- Section 220.020 High Weeds, High Grass and Rank Vegetable Growth Prohibited.
- Section 220.030 Exemptions To Height Restrictions.
- The contractor will be responsible for the sod for the first three months.
 - If the sod fails within the three-month establishment period, then the contractor will replace the sod and the three-month establishment period resets.
 - Sod will only be replaced during recommended growing seasons and temperatures.

Projects that benefit the broader community and cause a hardship for a homeowner

Examples of projects that benefit the broader community and cause a hardship for a homeowner:

- If the stormwater problem is not primarily on the homeowner's site but the solution requires the permanent installation of stormwater management features such as an outfall or inlet structure on the homeowner's property outside of the right-of-way.
- Stormwater projects that solve issues beyond the homeowner's property but require detention on the homeowner's site.

When the homeowner will have a permanent hardship because of an improvement that primarily or mainly benefits other homeowners or the public, then additional restoration items may be added to the project's contract. The value of the additional restoration items may depend on the severity of the hardship and the impact of the solution on the homeowner's property.

Examples of additional restoration items may include:

- Evergreens that are taller than six-to-eight feet planted.
- Deciduous trees with a caliper greater than two inches.
- Replacing more than one tree for each mature tree that is removed.
- Additional landscaping to conceal stormwater features.
 - Additional landscaping cannot interfere with performance of stormwater management features.
 - Additional landscaping cannot include invasive species.

Extreme hardship on projects with great public benefit

In cases of extreme hardship, the City may offer payment for a permanent or temporary construction easement. Payments will require the approval of the Stormwater Committee, the City Administrator, and the City Council.

The City Staff and the Stormwater Committee have the authority to update and amend the policy.