

**VILLAGE OF CHAGRIN FALLS
STREETS AND SIDEWALKS COMMITTEE
March 22, 2021**

Members present: Evans, Newell, Wyville
Also present: Mayor Tomko, Grube, Jamieson, Lannon

The meeting was called to order at 6:15 p.m. by Chairman Janis Evans.

RESIDENTIAL STORMWATER MANAGEMENT

Mr. Lannon provided an overview of the stormwater planning efforts in the village for this year. Representatives from the Chagrin River Watershed Partners presented their proposal for technical assistance on this project.

Moved by Mrs. Evans, seconded by Mr. Newell to support stormwater management planning and encourage the Mayor to proceed with the proposal from the Chagrin River Watershed Partners. Carried. Ayes: Evans, Newell, Wyville. Nays: None.

The meeting adjourned at 6:50 p.m.

Janis Evans, Chairman
lgb



**TECHNICAL SERVICES PROPOSAL
VILLAGE OF CHAGRIN FALLS
RESIDENTIAL STORMWATER MANAGEMENT ORDINANCE**

Background and Qualifications

Chagrin River Watershed Partners (CRWP) has a 25-year history as a statewide and national leader in watershed protection and restoration. We serve our 35-member communities, counties and park districts in the Chagrin and neighboring watersheds, and partner watershed organizations and communities across Northern Ohio. CRWP has secured or helped its members and partners secure grants for over \$50 million in projects to address flooding, erosion, and water quality challenges.

Our broad experience with watershed planning and management, developing innovative stormwater projects, and creating model ordinances to help communities effectively manage stormwater positions CRWP to assist the Village with developing and executing stormwater solutions at the site, community, and watershed scale. Potential solutions may include assisting the Village with developing an ordinance requiring on-site stormwater management to offset increases in impervious cover or additional stormwater entering the municipal storm sewer system from yard drains or adding green infrastructure to manage stormwater on public property. CRWP, in conjunction with local and state agencies, develops and maintains model codes that local governments can adopt to maintain stream and wetland functions as land is developed, ensures site features and water quality issues are considered early in the development process, and support stormwater management practices that minimize water quality impacts. CRWP also assists communities with implementing these codes once adopted to continue protection of our streams. These services will be provided by Keely Davidson-Bennett, CRWP's Senior Project Manager with guidance and support from CRWP's Executive Director Heather Elmer and Deputy Director Kimberly Brewster. Additional information about CRWP's work can be found on our website www.crwp.org

Proposed Services

Phase 1: Research and Proposals

Tasks:

1. Research stormwater management regulations and guidance for single family residential development in other municipalities and identify those that may be transferable to Chagrin Falls.
2. Summarize existing regulations and stormwater problems in the Village and present to Council.
3. Identify potential solutions other than regulations.
4. Identify site constraints and recommend appropriate stormwater control measures or alternative mechanisms if onsite stormwater management is not feasible. Assist the Village with mapping areas with site constraints that would limit the applicability of some SCMs.
5. Explore merits of requiring stormwater management at threshold of land disturbance or impervious coverage and assist the Village in determining an appropriate threshold if this approach is utilized.
6. Discuss findings with Village representatives.

Phase 2: Implementation

Tasks:

1. Develop proposed ordinance or other community or watershed scale stormwater solutions in consultation with Village Engineer and staff.
2. Present proposed ordinance or other community or watershed scale stormwater solutions to Village Council and the Streets & Sidewalk Committee.
3. Refine and revise ordinance or other community or watershed scale stormwater solutions to for consideration by Council.
4. Community and Contractor Education and Training: Help train landscapers and other contractors on stormwater control measures for residential scale projects.

Fee

| Project Phase | Estimated Fee | Services Funded By CRWP Grants/Service Agreements* | Estimated Fees Billable to Chagrin Falls |
|--------------------------------|---------------------------|---|---|
| Phase 1 Research and Proposals | \$6,000 - \$7,000 | \$2,000 | \$4,000 - \$5,000 |
| Phase 2 Implementation | \$2,000 - \$3,000 | \$0 | \$2,000 - \$3,000 |
| Total | \$8,000 - \$10,000 | \$2,000 | \$6,000 - \$8,000 |

*Some of CRWP’s work on Phase 1 will be funded by an Ohio EPA Section 319 Program grant to CRWP on behalf of the Central Lake Erie Basin Collaborative and a service agreement with the Northeast Ohio Regional Sewer District. These services estimated at \$2,000 will not be billed to the Village of Chagrin Falls.

Rates

- CRWP’s average member service rate for the proposed services is \$64.50/hour.
- Mileage reimbursement at federal rate.

Staff Qualifications

Keely Davidson-Bennett, Senior Project Manager, has over 12 years of experience in water resources. In her 8 years at CRWP, she has led a multi-partner research project researching green infrastructure performance in poorly draining soils, integrated research findings into CRWP’s model comprehensive stormwater and erosion and sediment control ordinances, coordinated a stream restoration project at the City of Willoughby’s Lost Nation Golf Course, and investigated the feasibility of CRWP establishing a stream and wetland mitigation bank. She has also assisted communities with stormwater, stream and wetland restoration, and streambank stabilization projects; adoption and implementation of local ordinances and resolutions to protect natural resources; and Phase II compliance. Prior to joining CRWP, she conducted research on the impact of urbanization on headwater streams at The Ohio State University and collected and analyzed water samples with Summit County Department of Environmental Services. Keely earned a M.S. in environmental science from The Ohio State University and a B.A. in biology from Hiram College.

Kimberly Brewster, Deputy Director, co-leads and manages CRWP’s services for members and Central Lake Erie Basin Collaborative partner watershed organizations. Kimberly supervises CRWP’s technical team and brings extensive knowledge and skill in the field of watershed planning and management. Since joining CRWP in 2016, Kimberly has spearheaded development of multiple large-scale projects and funding proposals and developed several watershed plans to preserve and restore the Chagrin and other Northeast Ohio watersheds.

Previously, Kimberly served as Captina Creek Watershed Coordinator with the Belmont County Soil and Water Conservation District in eastern Ohio. Her responsiveness and collaborative style makes her highly effective in working with members and partners. Kimberly earned her Master of Science in Environmental Studies from the Ohio University Voinovich School of Leadership and Public Affairs.

Heather Elmer, Executive Director, leads CRWP's initiatives that enhance quality of life by preserving rivers, planning for sustainable development, and solving natural resource management problems in the Chagrin River watershed and across Ohio's Central Lake Erie Basin. Heather is an experienced nonprofit leader and collaborates with communities and a wide range of partners on land use planning, environmental protection and restoration, stormwater research, and model policies and incentives for green stormwater infrastructure. Heather joined CRWP in 2014 and previously led environmental education, collaborative research and ecological design programs at the Ohio Department of Natural Resources Old Woman Creek National Estuarine Research Reserve and Oberlin College's Lewis Center for Environmental Studies. Heather received an M.A. in Bioethics from Case Western Reserve University and a B.A. in Biology and English from Oberlin College.