

GREEN INFRASTRUCTURE, STORMWATER MANAGEMENT, AND FLOOD REDUCTION

Flooding is getting worse. It is expensive and time consuming to fix. Delta Institute has planned for, coordinated, and implemented green solutions for communities of all sizes.

OUR APPROACH

Delta collaborates with communities in developing and implementing green infrastructure (GI) plans to help them reduce economic risks and costs from outdated stormwater management infrastructure while also improving the local environment and quality of life. We understand that many communities face several barriers in implementing GI: lack of public awareness, limited technical expertise, navigating a complicated funding and financing landscape, and more. That's why we use our technical, planning, and engagement expertise to enable communities to overcome these barriers from the ground up.

We achieve this by empowering local practitioners to cost-effectively plan, install, and maintain GI solutions as well as by creating tools that are accessible and user-friendly, including resources and case studies that community members can use to solve their community's unique challenges.

MEETING COMMUNITY PRIORITIES

Since there is no one-size-fits-all approach to local planning, Delta works with your community to design a planning process that is pragmatic and action-oriented to align specifically with your priorities. Whether if your community has already utilized other GI designs or if the concept is brand new, Delta can help guide your community through the earliest phases of the planning process to designing and implementing installations with impactful results.

OUR SERVICES

MUNICIPAL GI PLANS

COMMUNITY INPUT FACILITATION

DESIGN TOOLKITS

BIDDING AND PROCUREMENT ASSISTANCE

IMPLEMENTATION COORDINATION

BIOSWALES/HYBRID DITCHES

RAIN GARDENS

STORMWATER PLANTERS

PERMEABLE PAVEMENTS

UNDERGROUND STORAGE

BOX TREE FILTERS

GREEN ROOFS

OUR EXPERIENCE

Delta staff have expertise in balancing community needs with the budget realities for municipalities, counties, other governmental agencies, and the private sector. Our work has resulted in developing broad partnerships with urban, suburban, and rural communities across the Midwest.

Delta has an interdisciplinary team of experts with experience in urban planning, watershed analysis and management, environmental science, engineering, communications, and conservation. We have invested in a robust project planning and implementation structure that allows for robust tracking of activities, milestones, and deadlines; it allows us to be responsive to changes in timing, budgets, and other externalities as they occur. Delta has financial management systems in place to fully comply with governmental requirements and reporting. We are committed to helping communities ensure accountability and openness throughout the full lifespans of all projects, especially in compliance with each state's applicable open meetings laws.

A TRUSTED 501c3 PARTNER

Delta Institute was founded in 1998 to support and collaborate with communities to improve their environment, increase economic opportunity, and rebuild neighborhood vitality to promote the health and wellbeing of residents. We envision a region in which all communities and landscapes thrive through an integrated approach to environmental, economic, and social challenges. **As a 501(c)(3) public charity, we maintain a Gold Seal of Transparency from GuideStar, a national charity evaluator.**

As a nonprofit, we are adept at helping secure grant funding to help our partners augment their implementation costs. Delta is widely recognized throughout the Midwest for our data-driven and inclusive approach. We have worked with a diverse roster of partners on dozens of projects planning projects, including the following noteworthy examples:

GARY GREEN INFRASTRUCTURE PLAN

Delta led a two-year project focused on assisting the City of Gary, Indiana with planning and implementing GI designs, identifying 61 Priority Projects to install 26 acres of rain gardens, permeable pavements, street planters, and other GI designs, collectively reducing the negative impacts of 132 million gallons of stormwater annually. The plan plays a significant role in how the city uses GI strategies to regulate land use, advance development projects, manage stormwater, control sewer overflow problems, and decrease pollution into the local watershed and Lake Michigan. **Learn more at bit.ly/gary-gi. We are honored to be a longstanding partner with the City of Gary.**

HOBART, INDIANA GREEN INFRASTRUCTURE PILOT PROJECTS

From 2016-2018, Delta and the City of Hobart secured over \$350,000 from U.S. EPA-Great Lakes Restoration Initiative to fund green infrastructure installations throughout the city, including a courtyard rain garden at Hobart Middle School, a parking lot rain garden and permeable pavement at Hobart City Hall, and a large bioswale in the City's Hillman Park. For these projects, Delta assisted with grant and contractor procurement, grant administration, and project management. **Thank you to the Hobart Sanitary & Stormwater District, Parks District, and School District for your partnership!**

GI DESIGNS GUIDE AND TOOLKIT

Delta's GI Designs Guide provides an array of tools for planners to use to support decision-making in effective stormwater management including designs for bioswales/hybrid ditches, rain gardens, stormwater planters, permeable pavements, underground storage, box tree filters, and green roofs. This guide also helps practitioners and community leaders better understand how to identify opportunities for implementation, which treatments are most suitable for a specific site or purpose, and how to make informed decisions based on reasonable cost estimates. **Download the guide and toolkit for free by visiting bit.ly/gi-designs. Be sure to follow up and send us a note with your questions on the guide!**

For free guides and resources

Visit our website at <https://delta-institute.org> for publicly available guides, toolkits, webinar recordings, and other resources.

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