NEW APWA STORMWATER MANUAL



AMERICAN PUBLIC WORKS ASSOCIATION





WHY DOES THIS MATTER?

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A LAYERED APPROACH

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AVOID COSTLY UPSIZING



PROMOTE MULTIPLE BENEFITS

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NEW STANDARDS RESULT IN LONGEVITY AND EFFICIENCY

REGULATORY REQUIREMENTS

- +New manual will help meet increasing regulatory requirements
- +Help maintain compliance with state/federal requirements
- +Avoid future penalties



OPTIMIZE THE SYSTEM

- +Better management of rain on-site instead of piping it away:
 - Reduces upsizing requirements
 - Extends life of existing infrastructure



NEW MANUAL WILL BE EASIER FOR EVERYONE TO USE



NEW MANUAL









BETTER GUIDANCE FOR DEVELOPMENT



MORE RESILIENT DEVELOPMENT

CREATE HIGHLY FUNCTIONAL INFRASTRUCTURE



REDUCE STREAM EROSION & FLOODING IMPACTS

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BE INVOLVED IN THIS PROJECT

MANAGEMENT STAKEHOLDERS

Mission Hills **Blue Springs Bonner Springs** Mission North Kansas City De Soto **Excelsior Springs** Olathe Fairway **Osawatomie** Gardner **Overland Park** Gladstone Parkville Prairie Village Grandview Independence Riverside Johnson County **Roeland Park** Kansas City Shawnee Spring Hill Leawood Unified Government of Wyandotte County Lenexa Liberty Westwood Hills Merriam Westwood Miami County

OTHER PARTICIPATING PARTNERS

Affinis AGC Engineers, Inc Armourdale Renewal Association Benesch BHC Rhodes Black & Veatch Bridging the Gap Burns & McDonnell **CDM Smith** Center for Watershed Protection CFS Engineers, PA Confluence Continental Consulting Engineers DCB Development / DCB Homes Deep Roots ERM **GaleHart Communities** Garver GBA Geosyntec Grandview-Blue Springs Groundwork NRG HDR Heartland Conservation Alliance

Ha Consult **HNTB** Hunt Midwest **Kansas University** KC HBA KCCLT **KCMO** Water Department **KDHE** Kimley-Horn Lake Quivira Lamp Rynearson Lee's Summit, MO Lenexa, KS Little Blue River Watershed Alliance Luebbert Engineering MARC McClure Missouri Department of Conservation Missouri Master Naturalist MKEC Engineering, Inc. **Multistudio** NEER Northpoint Development Olsson

OWN. Inc PEC Phelps Engineering Platte County, MO Prairie Gateway Chapter of ASLA Prairie Village, KS **Renaissance Infrastructure Consulting Rooted and Reaching** Schlagel & Associates SE3. LLC The Nature Conservancy **Uhl Engineering UMKC Center for Neighborhoods** University of Missouri - Kansas City Vireo VSM Engineering Walter P Moore Water Resources Solution, LLC Westport Regional Business League Westside Housing Organization WSP USA WYCO Conservation District WYCO EDC

HOW YOU CAN STAY INVOLVED

+ Share the project factsheet

- + Questions or comments:
 - Tom Jacobs, MARC tjacobs@marc.org
 - > [Insert your name/contact info]







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