Making it Rain: Maximizing Stormwater Benefits to your Community

19th Annual SESWA Regional Stormwater Seminar April 19, 2024



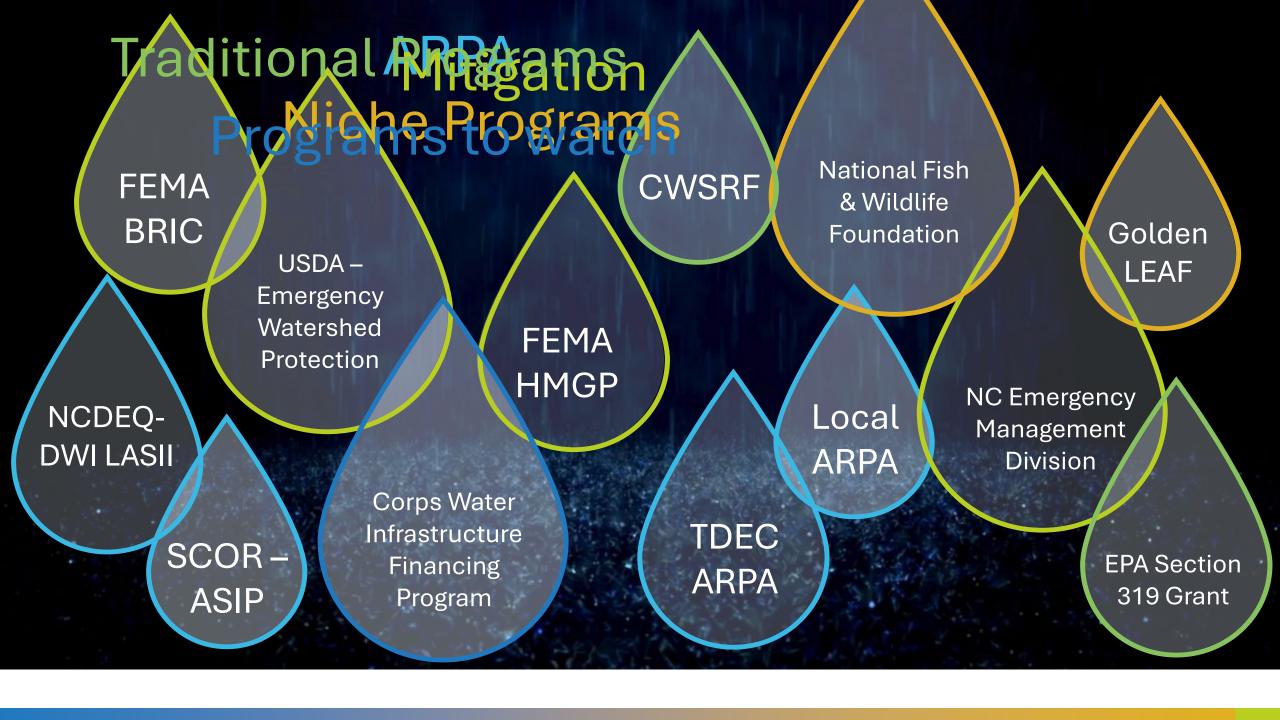
Where are the stormwater funding dollars coming from?

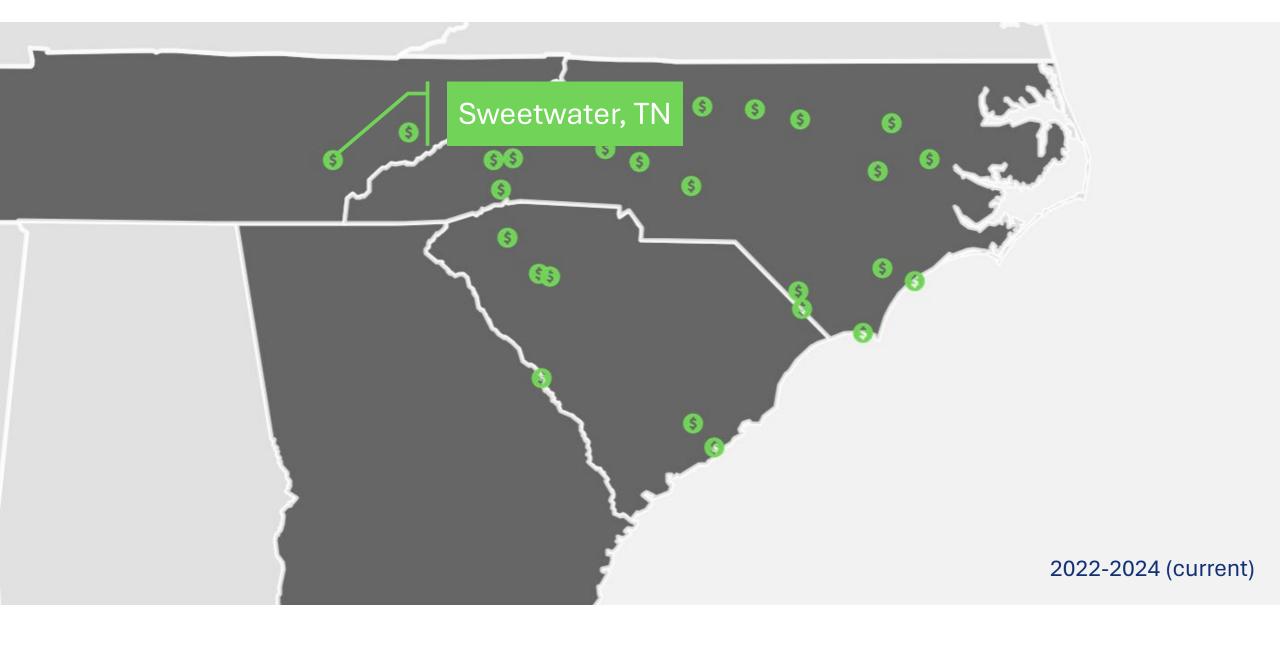
Funding: it's not just for water quality anymore!

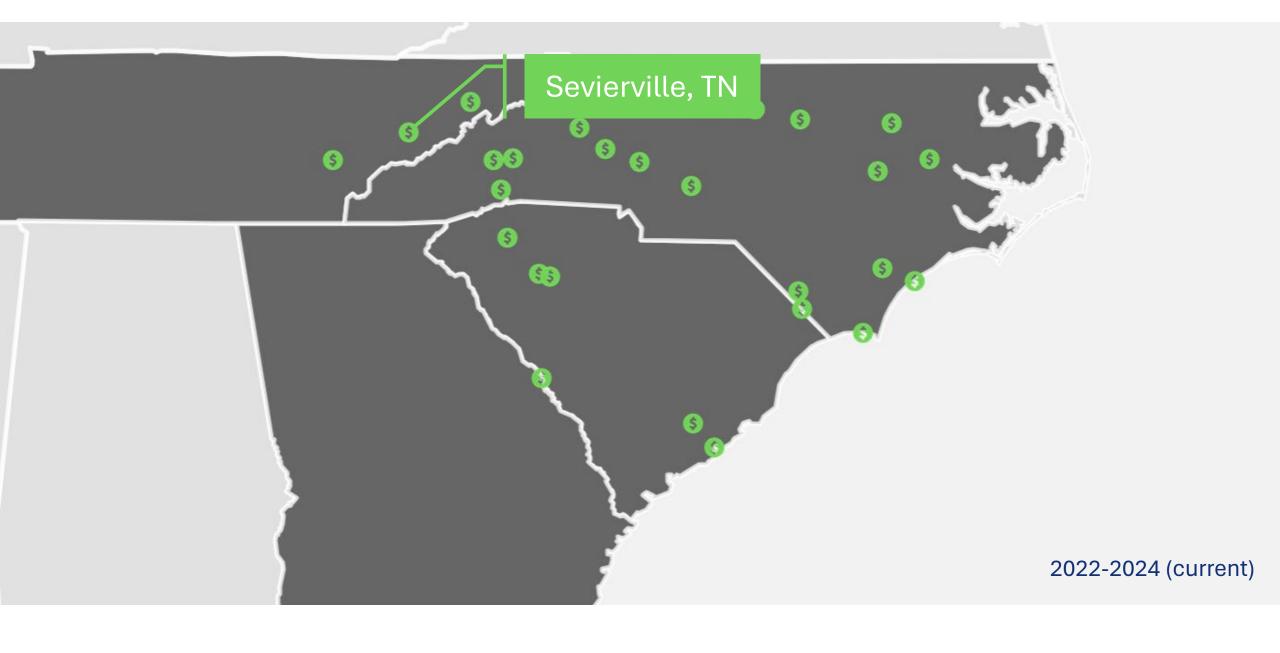
It's all about the benefits!

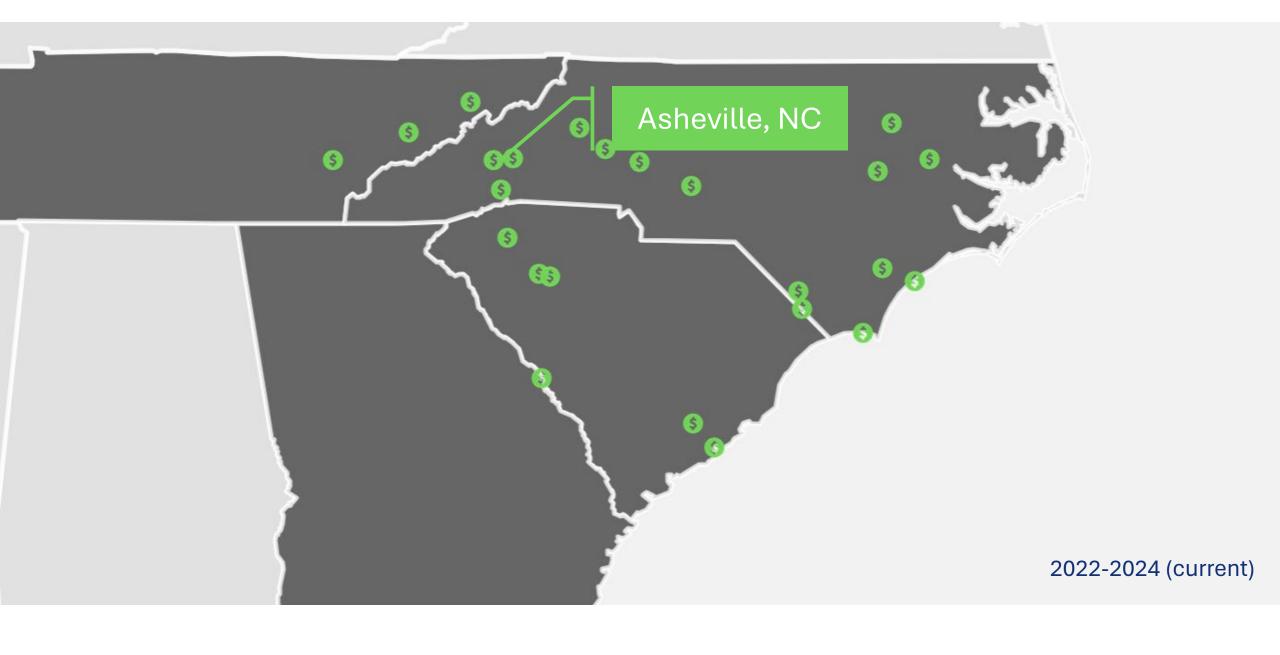
Let's talk project specifics

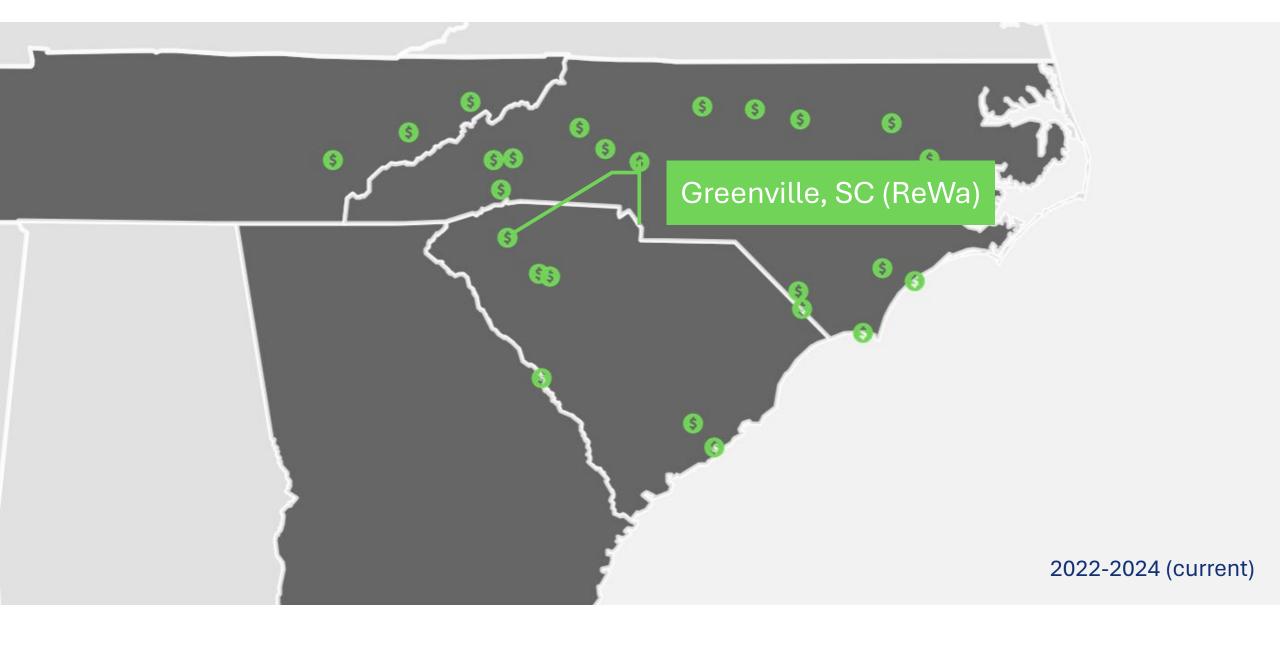
Presentation Highlights

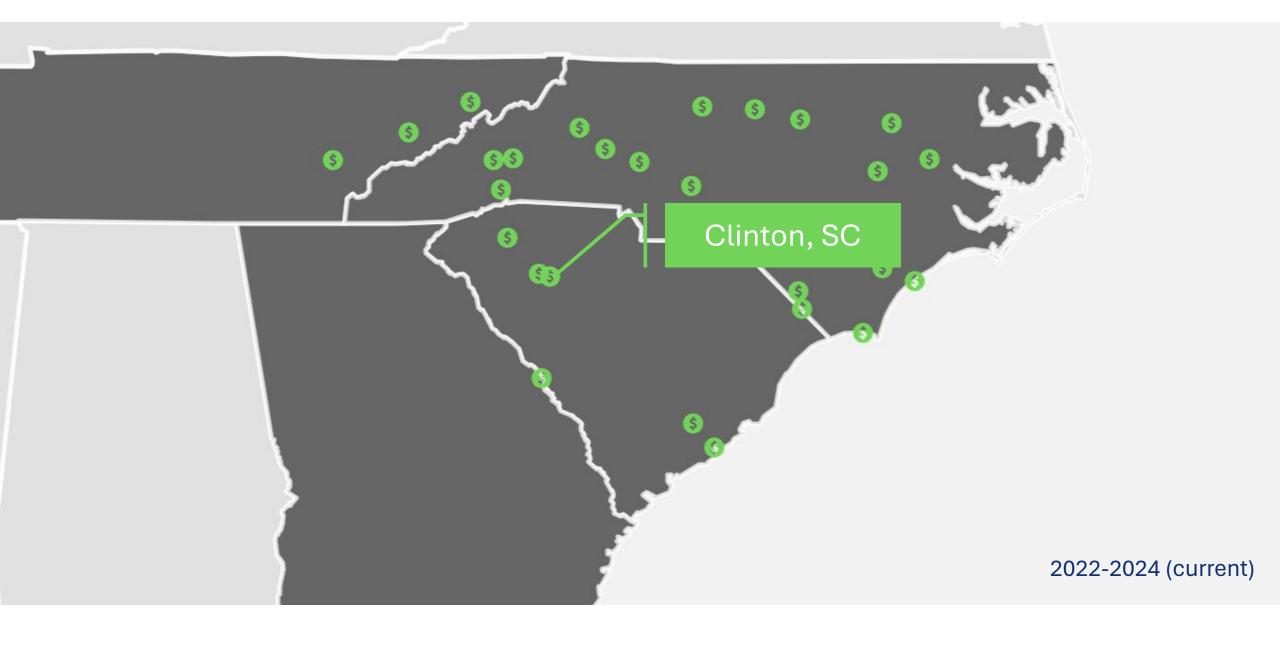


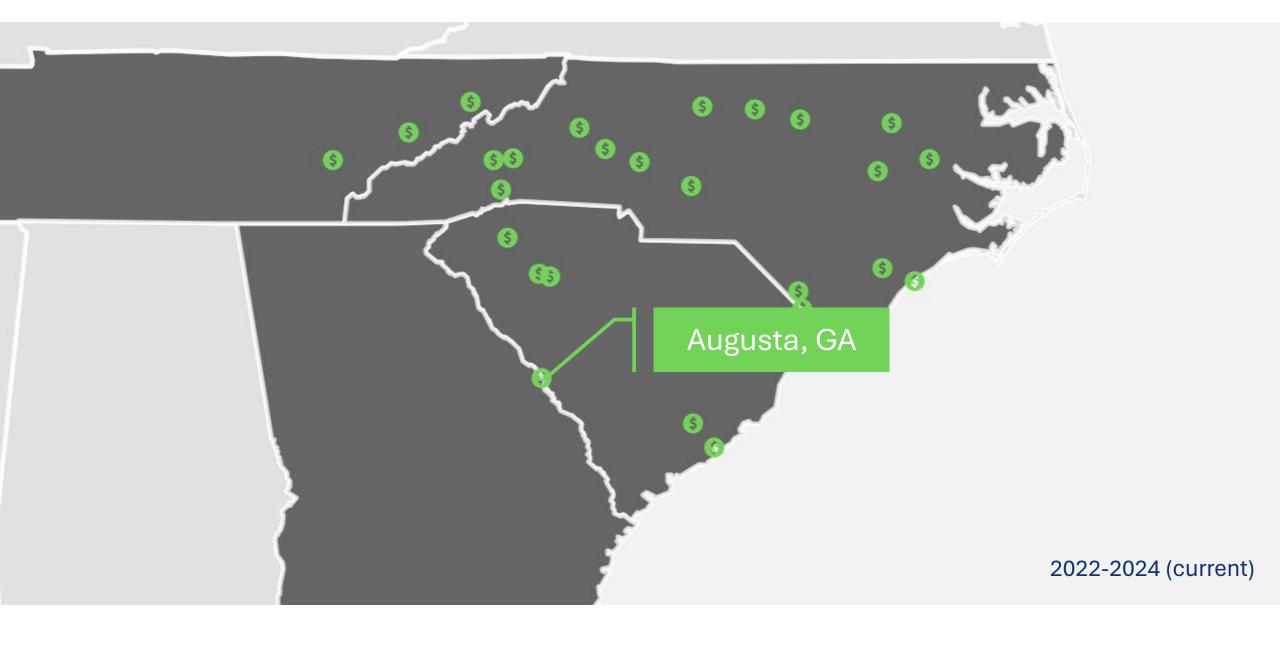












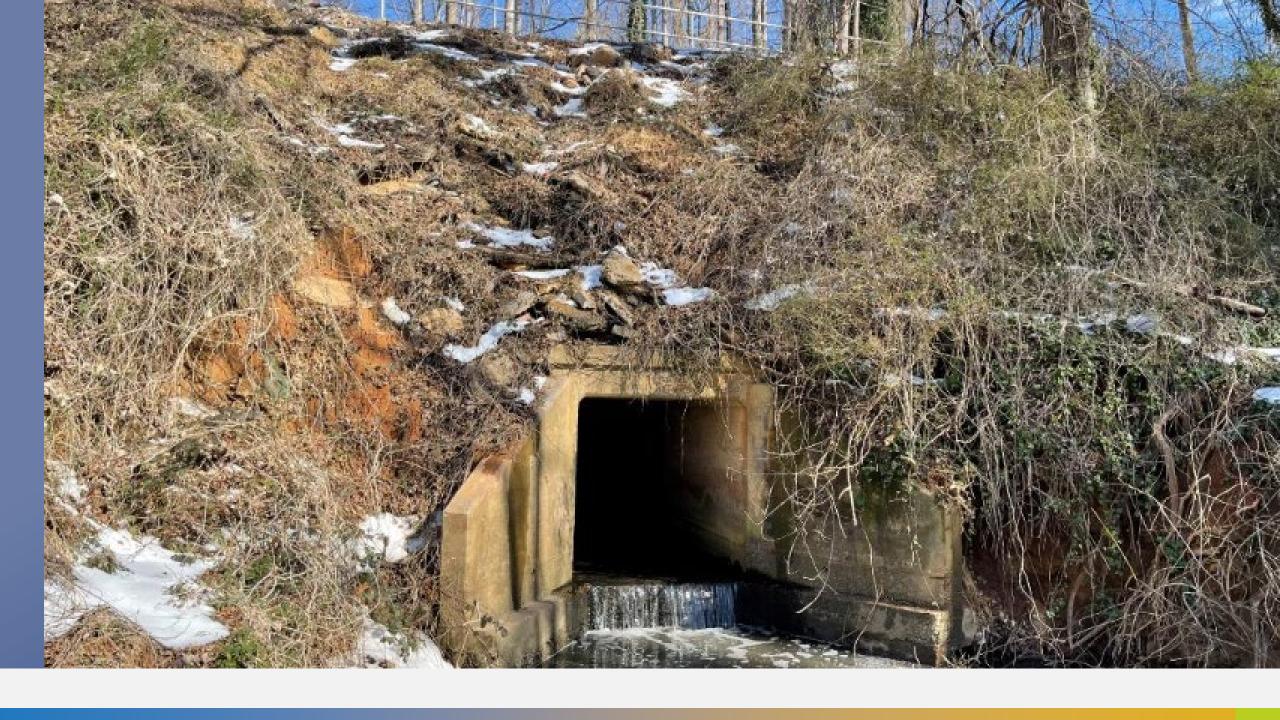
Multi-Layer Benefits

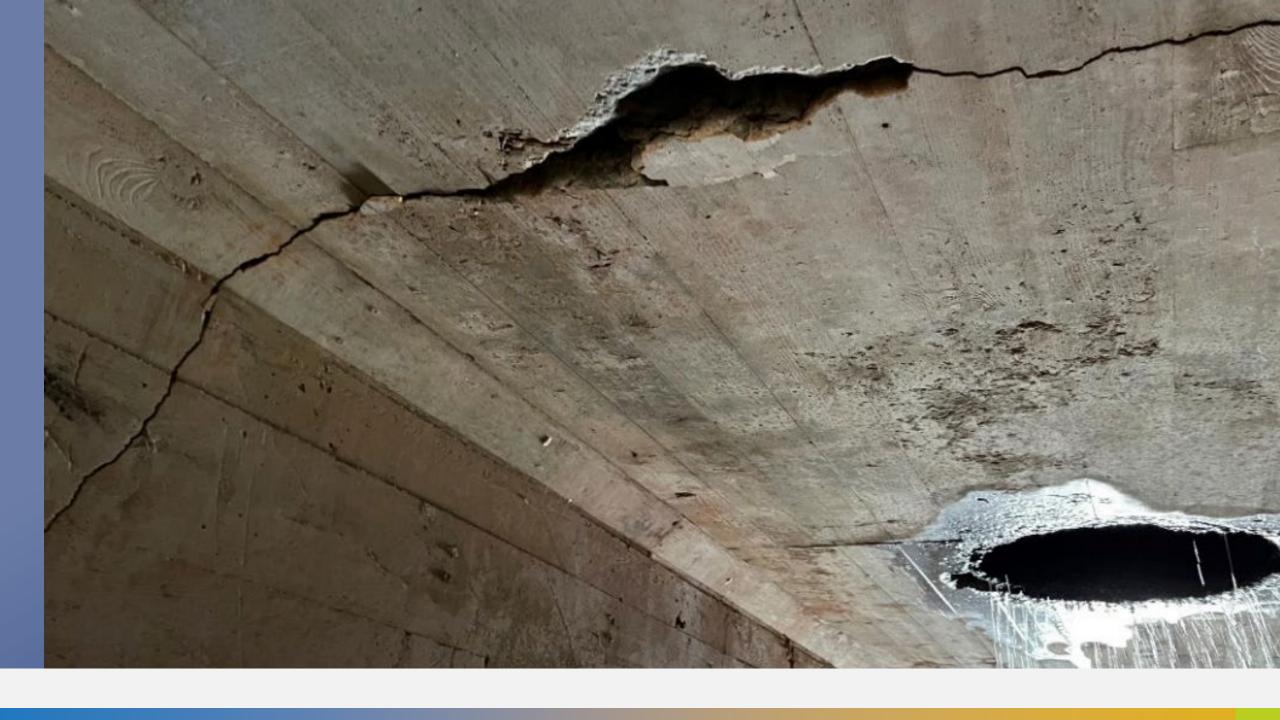




-Mooresville, NC

Center Avenue Stormwater Improvements















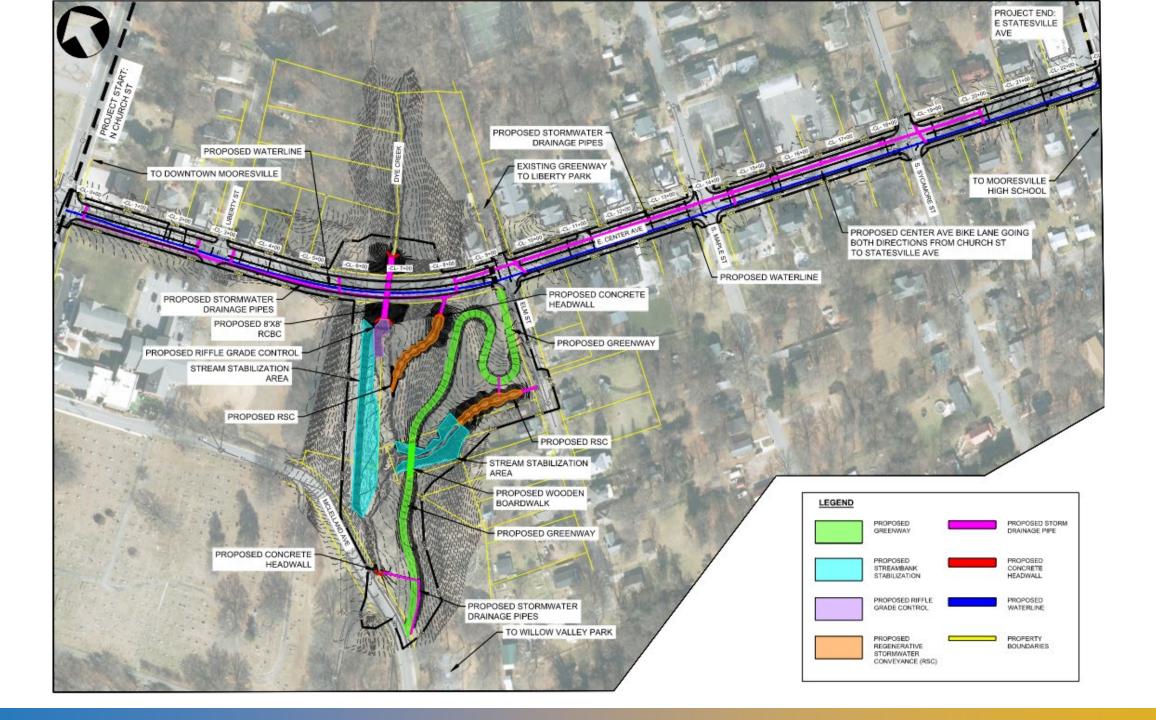
Funding



Community Connectivity













-Rocky Mount, NC

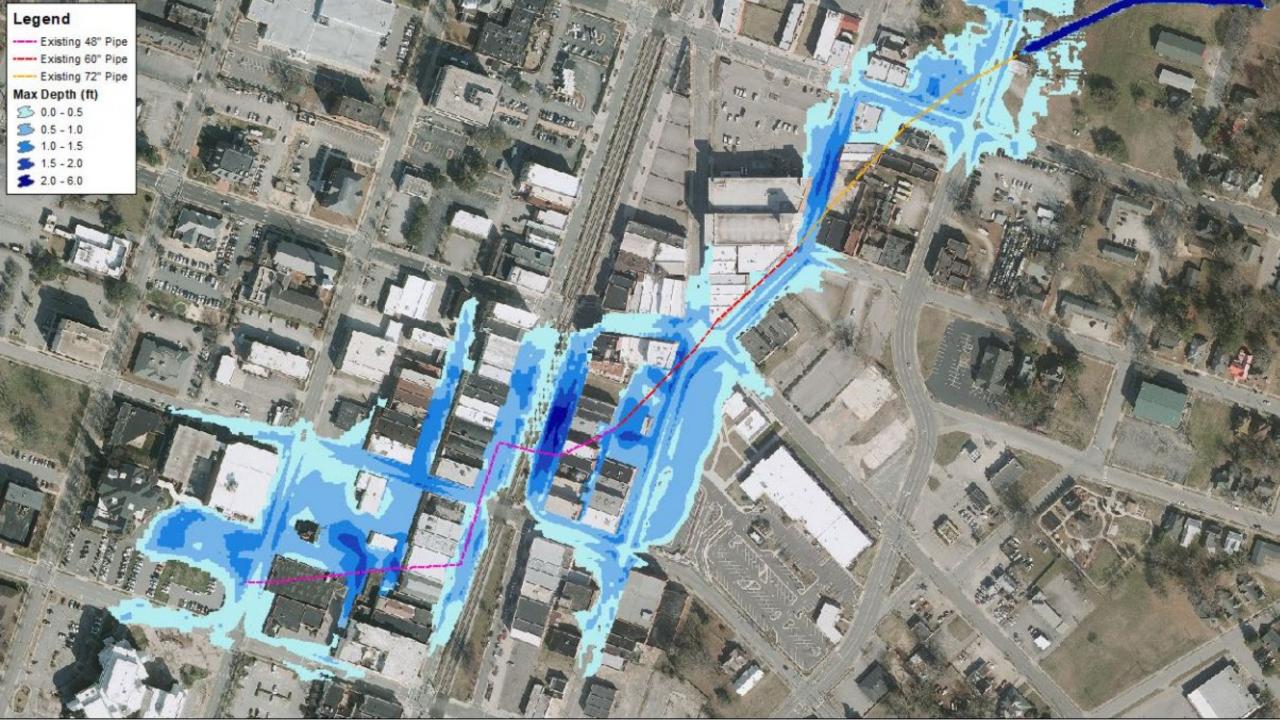
Downtown Drainage

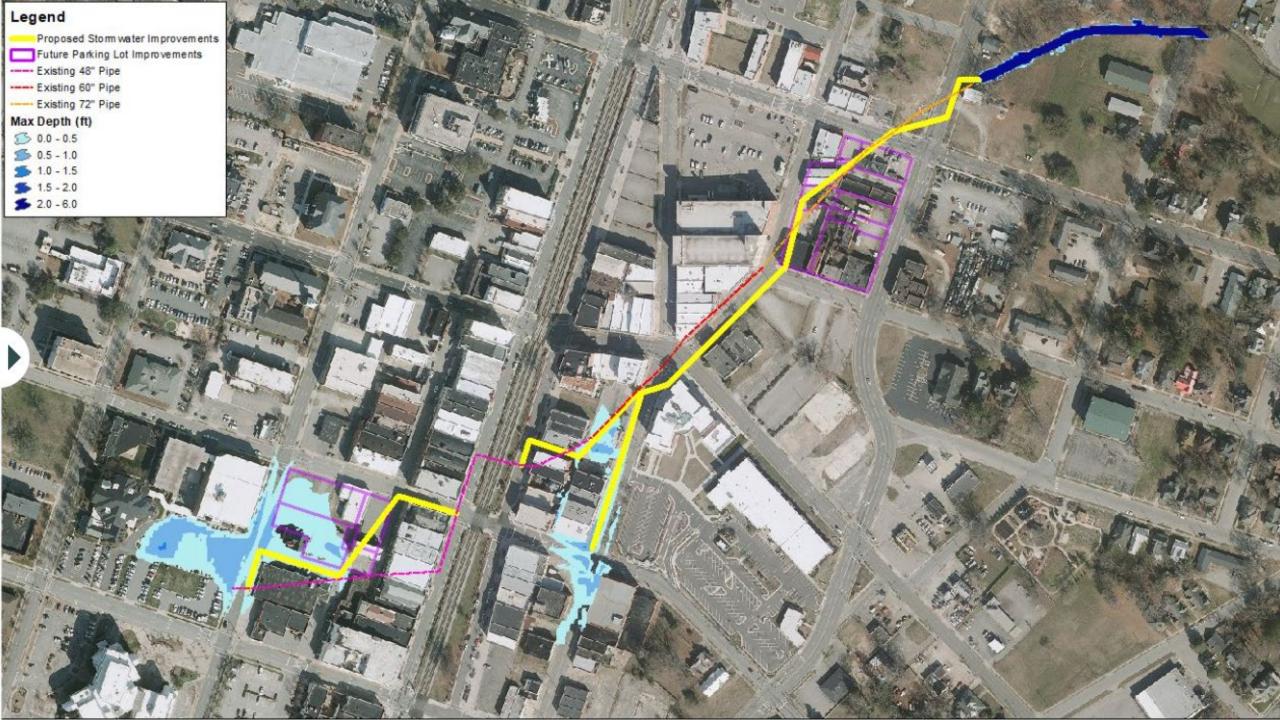


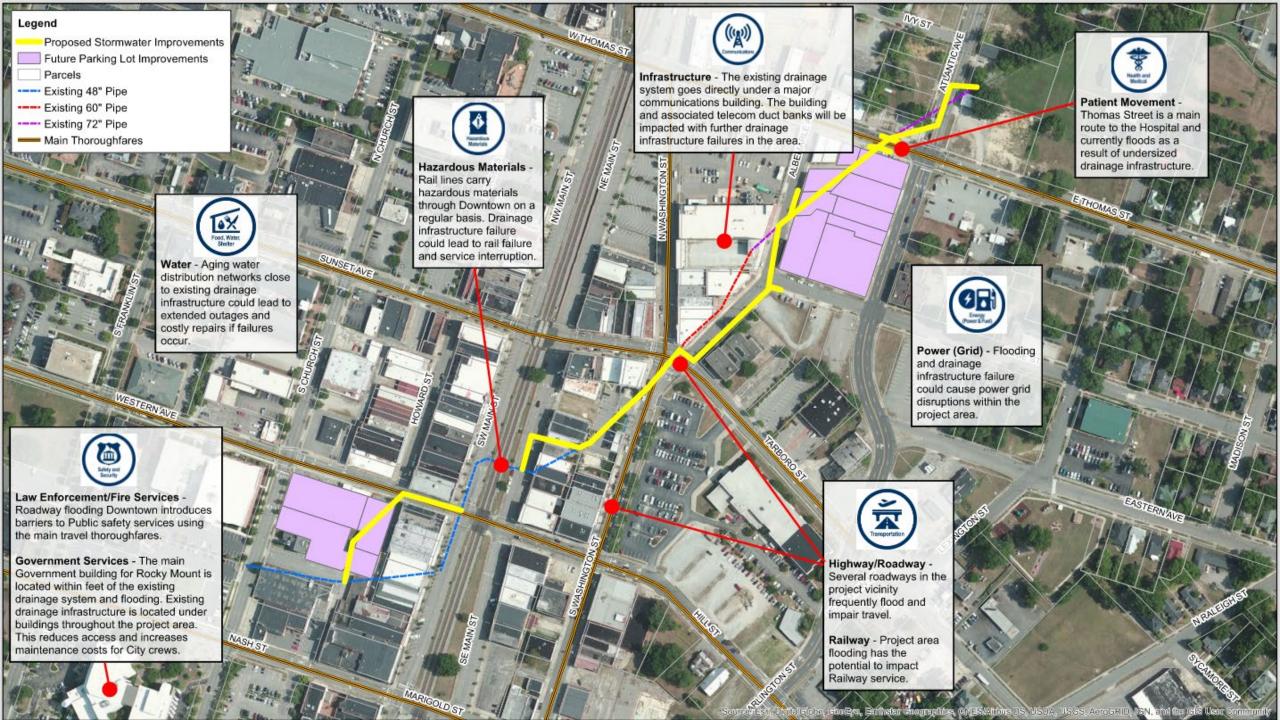










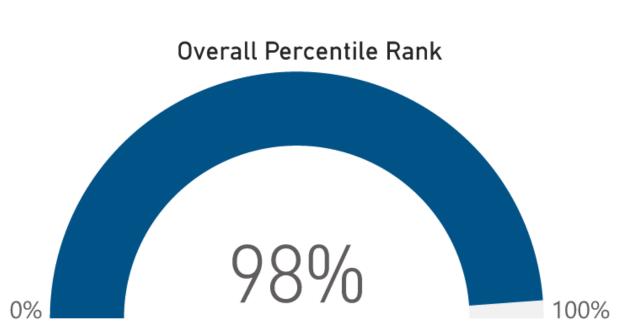




FY 21 BRIC Qualitative Review Memo

Recipient Name	Subgrant ID	Subrecipient Name	Subapplication Title
NORTH CAROLINA DEPARTMENT	EMA-2021-BR-005-0003	ROCKY MOUNT, (INC) CITY	City of Rocky Mount: Downtown
OF PUBLIC SAFETY		OF	Drainage Project







Subapplications selected in the FY 2021 National Competition performed between 31% to 98% in the National Panel Review

Subapplication Qualitative Performance



Surf City, NC

South Shore Drive Dune Infiltration System

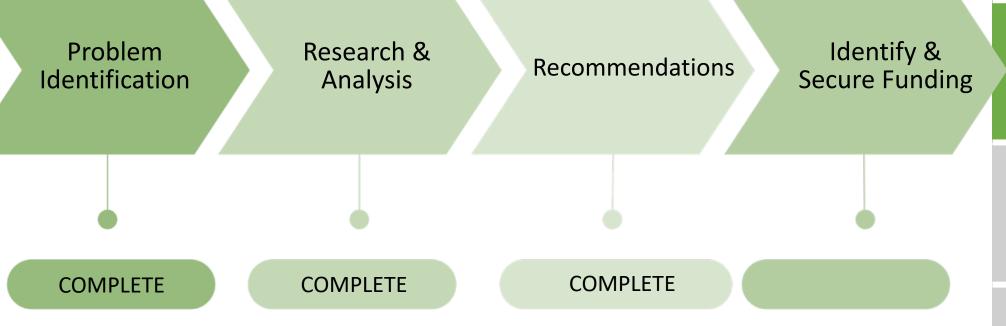
When it rains, it pours...





Identify and Secure Funding







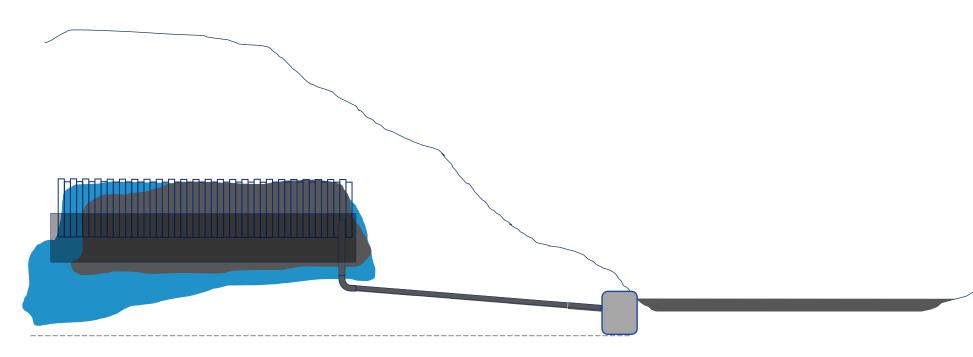






How it works

South Shore Drive Infiltration System



Seasonally high-water table





Funding



Community Connectivity









\$250,000





\$520,100









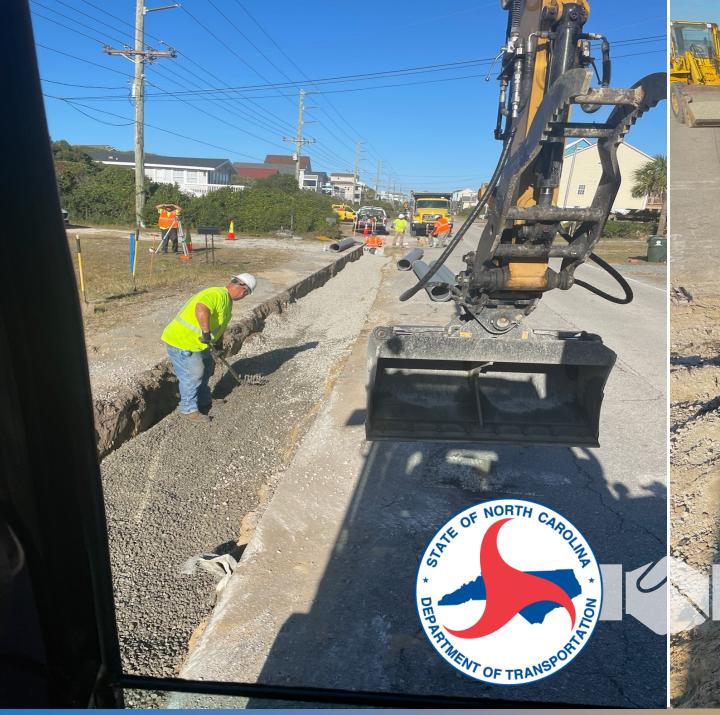
Funding



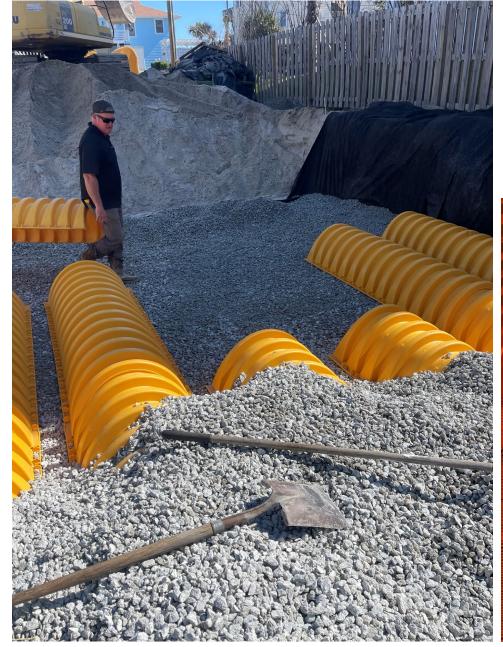
Community Connectivity



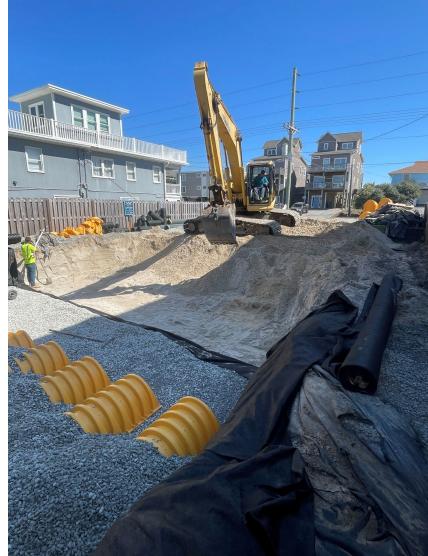




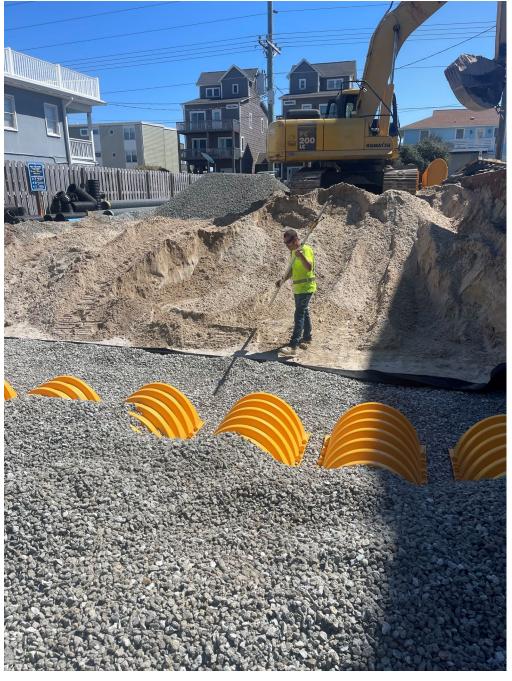
















Charleston, SC

Barberry Woods

July 2018











July 2021 Rain Bomb (~2 in)

16-Hours after Rain Bomb

Multiple Benefits – Slow, store and slowly convey water across the landscape



- NFWF grant
 - WK Dickson Johns Island Restoration Plan
- Dedicated Stormwater Capital Project Fund
 - Design fees
- City funding and South Carolina Conservation Bank
 - Design fees and lot acquisitions
- South Carolina Office of Resilience (SCOR)
 ARPA funds through ASIP grants
 - Construction fees (must expend all funds by December 2026)











Funding Restrictions/ Requirements

Estimated Total Project Costs:

- Strategic Retreat Plan: ~\$19,300,000
- Full Concept Plan: ~\$16,800,000
- 60% Updated Plan: ~\$8,748,00
- 90% Updated Plan: ~\$7,670,000

Total project costs include construction, plant materials and property acquisition costs.





















Community Connectivity













Community Connectivity









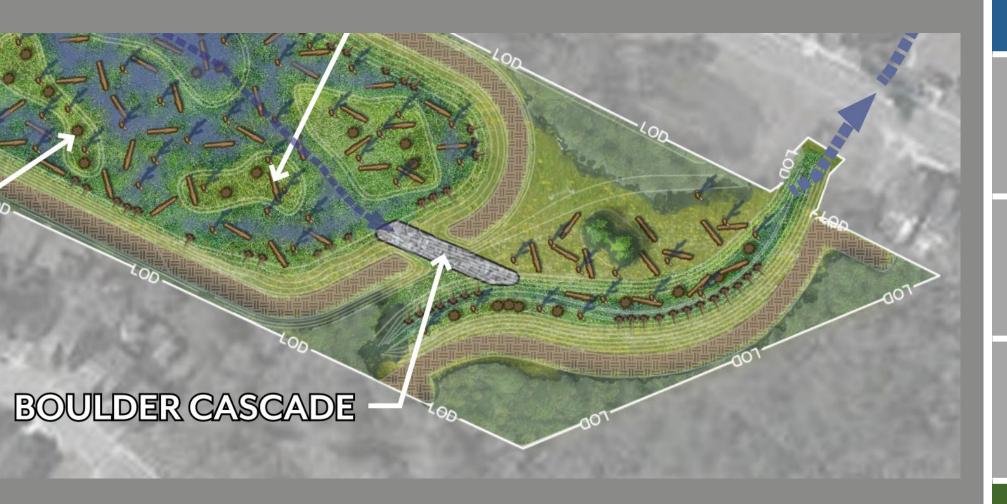




Community Connectivity













Community Connectivity





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