

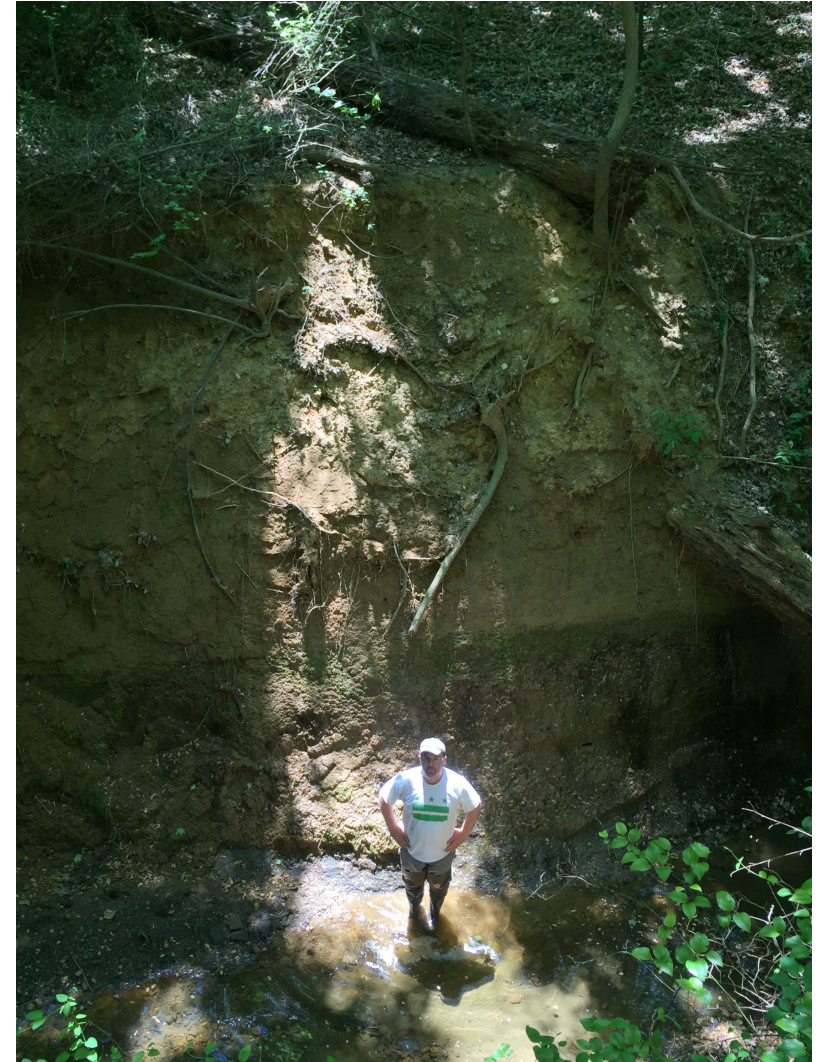
Small Stream, Big Challenges

*Community Engagement for a
"Small" Urban Stream Restoration
Project in the 51st state!*



Restoration Objectives:

- A. Decrease the volume and velocity of stormwater being discharged into the park, thereby reducing the amount of streambank erosion and improving wildlife habitat;
- B. Design and restore to the stream that runs through Branch Ave. Park to a state that can demonstrate uplift for hydrology, hydraulics, geomorphology, and physio-chemistry.
- C. Create a walking trail for safe access to and throughout the park.



Watershed & Neighborhood Characteristics

- 55.8 acre watershed
- 21.4 acres of impervious cover
- Approx. 150 Single Family Residential Homes
- Wooded park inaccessible to and unused by neighbors



Neighborhood Outreach

- 50-75 Homes Targeted
- Civic Association
- Councilmembers Office
- Advisory Neighborhood Commission



Neighbors Who Were Impacted

- 12 Homes directly across Erie St. from the project.



Project Timeline

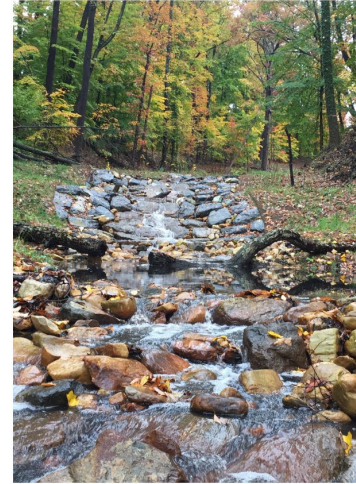
- *2012 – Project Identification*
- *2014-17 – Pope Branch & Alger Park*
- *2017 – Solicitation Development*
- *2018 – Community Outreach*
- *2018 (April) - Solicitation*
- *2018 (November) – Contract Award*
- *2019 – Designs & Permitting*
- *2020 – Construction*
- *2021-2022 - Maintenance*

UPCOMING

STREAM RESTORATION PROJECTS IN ANC 7B

STREAM RESTORATION

BRANCH AVE, ERIE ST, AND SOUTHERN AVE



To Date:

- Design-build contractor on board
- Site survey work & watershed assessment

Upcoming:

- Conceptual designs (March 8th)
- ANC 7B March 21st
- Community walk

Down the Road:

- Designs complete in summer/fall 2019
- Stream work in winter 2019-2020
- Post-construction maintenance

OUTFALL & GULLY RESTORATION

PARK DRIVE



To Date:

- Agreement with NPS to repair & restore sites
- Site 1: Park & Branch Ave. SE
- Site 2: 30th and Park Drive SE

Upcoming:

- Finalize Statement of Work & put out for bids
- Design-build contract
- Community outreach & engagement

Josh Burch, Josh.Burch@dc.gov, 202-734-9527



Design-Build Contract Structure

- *Year One (Base) – Community Engagement & Outreach, Designs, & Permitting*
- *Year Two (Optional) – Construction*
- *Year Three (Optional) – Maintenance*
- *Year Four (Optional) - Maintenance*



Community Relationships

- DOEE & PM were/are a known entity in the neighborhood
- Alger Park & Pope Branch Stream Restorations
- Local Advisory Neighborhood Commission & Civic Association gave awards/recognition for Pope Branch & Alger Park Projects



Community Outreach & Engagement

1. April 2018 – Earth Day Clean-Up*
2. May 2018 – Community Meeting*
3. March 2019 – ANC Executive Committee
4. March 2019 – ANC Meeting
5. March 2019 – Community Meeting & Site Walk*
6. January 2020* – Community Meeting & Site Walk
7. Project Website

* *Door-to-door in Neighborhood Before Each Event with Flyers*








Concept Designs

Branch Avenue Stream Restoration Conceptual Design



Proposed Feature Legend

-  Rock Cascade
-  Stone Weir
-  Pool
-  Wetland
-  Mulch Walking Trail

30' 0 30' 60'
HORIZONTAL SCALE: 1"=30'



Existing Failed Pipe
(Photo: Straughan Environmental, Inc.)



Existing Stream Channel
(Photo: Straughan Environmental, Inc.)



A. Stone Weir and Pools
(Photo: Underwood & Assoc., Inc.)



B. Rock Cascade and Pool
(Photo: Resource Restoration Group, LLC)



C. Wetland and Stream Complex (Photo: Actaeon LLC)



D. Rock Cascade (Photo: Actaeon LLC)

Date: 3/15/2019



Community Outreach & Engagement

Design/Community Meeting (March 2019)








Final Designs

Branch Avenue Stream Restoration Conceptual Design



Proposed Feature Legend

-  Rock Cascade
-  Stone Weir
-  Pool
-  Wetland
-  Mulch Walking Trail

30' 0 30' 60'
HORIZONTAL SCALE: 1"=30'



Existing Failed Pipe
(Photo: Straughan Environmental, Inc.)



Existing Stream Channel
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A. Stone Weir and Pools
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C. Wetland and Stream Complex (Photo: Actaeon LLC)



B. Rock Cascade and Pool
(Photo: Resource Restoration Group, LLC)



D. Rock Cascade (Photo: Actaeon LLC)



WE ARE DC GOVERNMENT OF THE DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR



Community Outreach & Engagement

PreCon Community Meeting (Jan. 2020)



Restoration Activities



Community Outreach & Engagement

Controversies!!!

- *Equipment Showing Up Early*
- *Construction Access*
- *Parking*
- *COVID*
- *Trails*
- *Dog Park*
- *Music Videos!!!*
- *Cutting Greenery*
- *Cash Awards for Supporters*



Lessons Learned

Community Outreach

- No project is easy or “small.”
- Stream restoration often is NOT a community priority.
- Be open, transparent, & respectful.
- Document, document, & document!
- Past work & relationships do NOT equate to present day relationships, success, or trust.
- The loudest voice is not always the majority voice.
- You cannot please everyone.
- Seek feedback & second opinions.
- Stay focused on goals, objectives, and outcomes.

Moving Forward

- Virtual Meetings: Record & Post for Public Availability
- Up-to-Date Project Webpage
- Focus on “How will this impact ME?”



Post- Restoration



Post- Restoration



Post- Restoration



Post- Restoration



Character Counts

“Donna embodies everything I taught my daughters and female students about girls and women being capable of achieving anything thing they want to do in any profession despite prevailing sexism...I salute her and admire you for trusting her...Look at this gorgeous stream you guys have created WOW!”

Morning Josh,
I'm so excited as I view the progress of the Stream Restoration Project 👍
I caught one pic of Donna which I call "An Empowered Woman". I thank you for hiring her as the Contractor. Donna embodies everything I taught my daughters and female students about girls and woman being capable of achieving anything they want to do in any profession despite prevailing sexism . She's a role model for girls and young women and an " in their face" proof to men & society when still in this day and age, think that what she's doing is "men's work " . I salute her and admire you for trusting her. I told her that if she ever needs me to have her back to call me but I know she's strong professional confident and capable . She should consider doing motivational career speeches to girls in our schools 🤔 I mean seriously.
Look at this gorgeous stream you guys have created WOW!
I'm in awe 🙌 Thank you.
Take care,
Stephanie



iMessage



Thank You!

DOEE Project Manager

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Environmental Protection Specialist

District Department of Energy & Environment

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