Blue-Green-Grey Funding Program Environmental Panel

APRIL 14, 2021 | TEAMS MEETING

Agenda

- 1. Introductions
- 2. Panel Overview/Purpose of BGG Program
- 3. Previously Funded Projects
- 4. Selection Criteria
- 5. Next Steps
- 6. Questions for the Panel

Introductions

Blue-Green-Grey Program Overview

Purpose of Blue-Green-Grey Initiative

The purpose of the Blue-Green-Grey (BGG) program is to promote the planning and construction of green or sustainable infrastructure in the region.

Focus on three elements:

- Blue water
- Green environment
- Grey transportation infrastructure

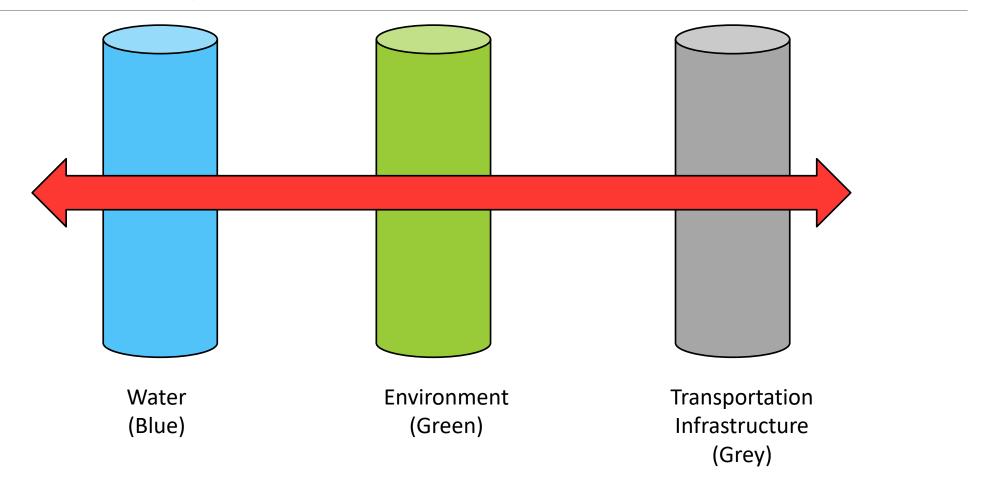
Advance small projects with innovative outcomes that can be replicated regionally

Could provide seed money to develop ideas for full funding/implementation

Funding awarded to date:

- FY 18 funding amount: \$109,170 for three projects (RTC Local)
- FY 19 funding amount: \$138,500 for three projects (RTC Local)

Silo Busting



Today's Panel: Overview

Purpose: interested parties evaluate the previously implemented Blue-Green-Grey program and projects around the region

Goal: to obtain your feedback to incorporate as we develop a future BGG funding call

Who is on the Panel: organizations/agencies in environmental fields, researchers, local governments, project sponsors

Previously Funded Projects

FUNDED PROJECT: Farmers Branch Conceptual Bus Stop Designs

Project Summary:

Collaborative effort between City of Farmers Branch, NCTCOG, and DART Development of guidelines for green infrastructure at bus stops

Three conceptual designs that consider various bus stop contexts

Highlights:

Provides templates that cities can use to develop green bus stop designs

Benefits could include improved stormwater filtration, reduced runoff, increased transit ridership and comfort, and enhanced quality of life

Funding Awarded: \$30,000



1 Enhanced Bus Stop

Bus stops within the City of Farmers Branch should meet the minimum requirements for spacial design set forth in the appendix of this report and recommended by NACTO. This site is a retro-fit to an existing commercial development. Improvements at this site could benefit the private and public infrastructure adjacent to the bus stop. Coordination with the development could allow for the bus stop to get large to accommodate more amenities.



Redmond California

Image courtesy of City of Farmers Branch

FUNDED PROJECT: Southlake BioPod – Burney Lane Reconstruction

Project Summary:

Purchase of a prefabricated BioPod biofiltration system as a test pilot project for the City of Southlake

Highlights:

Water testing and monitoring to ensure success of system

Funding Award: \$50,000



Images courtesy of City of Southlake

FUNDED PROJECT: DART Hatcher Station Pilot Program

Project Summary:

Development and construction of a community garden located in an unused parcel in DART-owned right-of-way near Hatcher Station

Highlights:

Programmatic approach to create community gardens for areas near transit and designated as "food deserts"

Funding Awarded: \$29,170



Image courtesy of Get Healthy Dallas



Image courtesy of DART

FUNDED PROJECT: Bishop Arts Bicycle Parking Retrofitting Pilot

Project Summary:

Pilot program designed and developed replicable parklet within the street right-of-way

Highlights:

- Used two on-street automobile parallel parking spaces
- Relatively inexpensive retrofit design
- Buffered wheel stops and vertical landscape planters to increase visibility to traffic
- Can accommodate 13 bicycles total
- Includes seating and shade structure



Image courtesy of Amanda Popken Development

Funding Award: \$38,500

FUNDED PROJECT: University Park Micro-Detention Project

Project Summary:

Design of a new micro-detention system for driveways

Highlights:

Project included a CAD design that will be used by the City of University Park in a future pilot at one of their facilities

Funding Awarded: \$50,000

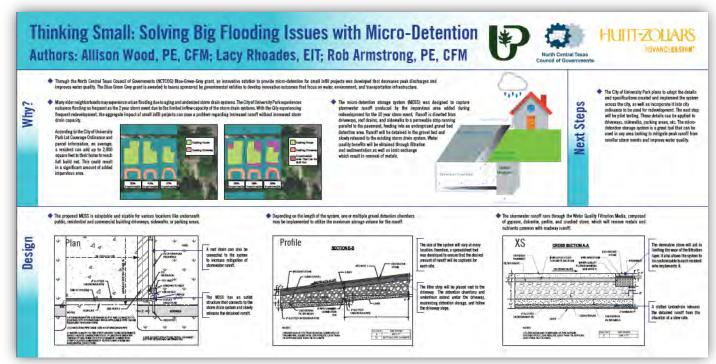


Image courtesy of Huitt-Zollars

FUNDED PROJECT: Watauga Biofiltration System (Underway)

Project Summary:

The City of Watauga will install a new Biofiltration System at storm drain inlets on Hightower Drive

Highlights:

- Includes new sidewalks, curbs and gutters
- City anticipates completing this project by January 2022

Funding Awarded: \$50,000

Previous Cycle Scoring Criteria

Project Selection Criteria

Team Qualifications (10 points)

- Does the proposed team have the correct mix of experience and expertise?
- Do private firms include a local government partner and have a letter of support?

Impact (30 points)

- Would the project have a long-term effect?
- Does the project have the ability to change future designs?

Project Selection Criteria (Cont.):

Innovation/Significance (30 points)

- Does the project shift current designs or practices by utilizing new or uncommon approaches, design, or methodologies?
- How well does the project include the three elements (water, environment, transportation infrastructure)?
- Does the project address an important problem or challenge?

Applicability, Adaptation, Transferability, and Practicality (30 points)

- Could the project be used in other communities or settings?
- Is the project realistic?
- Is the project consistent with eligible funding programs and Regional Transportation Council objectives?

Next Steps

Upcoming Call for Projects

- Future round three of project selections
- Up to \$300,000 available for the total program
- No more than \$75,000 awarded to each applicant
- Upcoming update to NCTCOG boards to kick off funding initiative
- Tentatively summer 2021

Questions

- 1. What do you think of the previously funded projects? What do you like or not like? How replicable do you think they will be in the region? Were they innovative?
- 2. Should the program expand to other categories outside of blue-green-grey? What other areas would you like to see included?
- 3. What project limitations arise at the \$30-\$50K funding level?
- 4. Does the mix of projects adequately address blue, green, and grey? Are there other types of projects you would like to see funded?
- 5. Are there any criteria you would like to see changed or added for the next call?

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