



## Legislation Details (With Text)

<b>File #:</b>	ID 20-0139	<b>Version:</b>	1	<b>Name:</b>	Ryan St. and Horspen Stream Stabilization
<b>Type:</b>	Resolution	<b>Status:</b>	Passed		
<b>File created:</b>	1/28/2020	<b>In control:</b>	City Council		
<b>On agenda:</b>	2/18/2020	<b>Final action:</b>	2/18/2020		
<b>Title:</b>	Resolution Approving a Contract for \$102,500 with Davis-Martin-Powell & Associates for Professional Services for the Horse Pen Creek and Ryan Creek Streambank Stabilization Projects				
<b>Sponsors:</b>					
<b>Indexes:</b>	District 1, District 4				
<b>Code sections:</b>					
<b>Attachments:</b>	1. DMP Sec State.pdf, 2. COG Streambank Stabilizations_HPC and RC_DMP Proposal (2).pdf, 3. MWBE Memo_CS299-20-84_HP & Ryan C Stabilization_12220_Water.pdf, 4. 20-0139 Resolution DMP 2019-79.pdf				

Date	Ver.	Action By	Action	Result
2/18/2020	1	City Council	adopt	Pass

Resolution Approving a Contract for \$102,500 with Davis-Martin-Powell & Associates for Professional Services for the Horse Pen Creek and Ryan Creek Streambank Stabilization Projects

Council Priority: Maintain Infrastructure and Provide Sustainable Growth Opportunities

Department: Water Resources

Council District: 1 & 4

Public Hearing: N/A

Advertising Date/By: N/A

Contact 1 and Phone: Michael Borchers, 373-2494

Contact 2 and Phone: Kristine Williams, 373- 2556

### PURPOSE:

The City of Greensboro Water Resources Department is requesting to enter into a professional services contract with Davis-Martin-Powell & Associates (DMP) to provide design services for the Horse Pen Creek and Ryan Creek Streambank Stabilization projects.

### BACKGROUND:

The Horse Pen Creek and Ryan Creek Streambank Stabilization projects are being proposed to repair streambank erosion in two different areas of the City of Greensboro. The Horse Pen Creek streambank stabilization project is located along the rear of several properties along Spring Oak Court. Significant erosion has occurred that is threatening private property as well as a public sanitary sewer outfall. The Ryan Creek streambank stabilization project is along Creek Ridge Road where the existing concrete lined channel has failed. The purpose of the contract is to design these streambank stabilization projects to stabilize the stream banks and protect infrastructure. The streams has been mapped by FEMA and will require extensive floodplain

modeling and a no-rise certification. Work under this contract consists of project management and administration, design, permitting, bidding and additional services related with the design of the project.

The professional services of DMP's team are recommended for this project. The design team for the overall contract includes Carolina Ecosystems, Inc., CriTek Engineering Group, PC, Jewell - LJB Inc., Kris Bass Engineering, and Terracon Consultants, Inc. DMP will provide surveying services and project coordination. Carolina Ecosystems will provide wetland delineation and stream buffer determinations. CriTek Engineering will perform erosion control design and permitting for the project. Jewell - LJB, in consultation with Kris Bass Engineering, will provide stream bank stabilization design and floodplain modeling. Terracon will provide geotechnical services as needed for each location. The MBE participation of the overall contract is 12.2 % of the contract amount and includes CriTek Engineering, an MBE within the MSA, as part of DMP's on-call services team.

**BUDGET IMPACT:**

Funding in the amount of \$102,500 is budgeted in the Stormwater Capital Improvements Fund account 506-7019-02.5410. A budget adjustment is needed to use this account.

**RECOMMENDATION / ACTION REQUESTED:**

The Water Resources Department recommends City Council approve the professional services contract with Davis-Martin-Powell & Associates in the amount of \$102,500.00 and associated budget adjustment