

To	Marchell Adams-David, City Manager
Thru	Michael Moore, Assistant City Manager Wayne Miles, Assistant Engineering Services Director/Stormwater Program Manager
From	Mani Kumar, Stormwater Engineering Manager
Department	Engineering Services
Date	August 20, 2025
Subject	Drainage Assistance Program – New Project Approval

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### Introduction

This memorandum serves as the initial discussion for the Drainage Assistance Program recommended projects for Fiscal Year 2026. In 2016, City Council authorized the creation of the Drainage Assistance Program. Projects under this program are fully funded by the City of Raleigh with a dedication of a City of Raleigh Drainage Easement over all new improvements at each project location. Project review periods are scheduled as necessary based on pending priority and available funding.

Recommended projects are based primarily on the following considerations:

- Overall prioritization score and ranking based on the Integrated Stormwater Projects Prioritization Model assessment;
- Estimated project costs;
- Willingness of property owners to dedicate/donate a City of Raleigh Conservation Easement over the project repairs and stormwater improvements.

In an increased effort to encumber funds when they are allocated, Drainage Assistance projects will take a slightly different approach to allocation of funds as compared to previous fiscal years. Previously, the entire cost of the project was allocated to funds for that fiscal year. Projects can often take years for construction to be completed, following the Stormwater Management Advisory Commission (SMAC) and Council approval. As a result, funds were not encumbered until years after the funds were allocated. Moving forward, design funds will be allocated for the fiscal year the project is being proposed. Construction costs will then be allocated for a future fiscal year when construction will occur (either one or two years later). This will allow more consistency in encumbering funds when they are allocated.

Staff will track when funds are allocated and when they are encumbered. This will prevent any fund overages.

Identifying Projects

The projects recommended for Council approval by SMAC from the August 2025 SMAC meeting are as follows (a brief description of the issue is also included):

- ❖ **1516 Wood Spring Court** – Structural flooding occurs yearly at 1516 Wood Spring Court. There are a series of 48” concrete pipes that run around the residential structure of 1516 Wood Spring Court and feed into the road of Wood Spring Court. The upstream 48” pipe is fed by a single inlet. Flow comes from Fitzwilliam St which is located outside of City limits but in Wake County. The proposed solution will be to add an additional inlet on 1516 Wood Spring Court adjacent to the upstream inlet. Additional grading work may also be necessary to control the flow. Construction work will likely be constructed by the in-house crew (Transportation Field Services. (TFS)).
  
- ❖ **3701, 3705, and 3709 Donna Road** – A 36” corrugated metal pipe (CMP) runs from 3709 Donna Road to 3701 Donna Road. At 3709 Donna Road there is a large void in the driveway. There is also a sinkhole at 3705 Donna Road. The only means of safety access to 3709 Donna Road is the driveway. The 36” CMP pipe will be removed, and the pipe will likely be upsized. A headwall at 3709 Donna Road will be added. The remainder of the pipe, starting at 3705 Donna Road and going through 3701 Donna Road, will be removed, and an open channel will be installed.

**Estimated Project Costs**

<b>Project</b>	<b>FY 26</b>	<b>FY 27</b>	<b>Total</b>
1516 Wood Spring Ct	\$ 90,000	-	\$ 90,000
3709 Donna Road	\$ 105,000	\$ 420,000	\$ 525,000
<b>Project Total</b>	<b>\$ 195,000</b>	<b>\$ 420,000</b>	<b>\$ 615,000</b>
<b>Available Budget</b>	<b>\$ 4,576,000</b>	<b>\$ 1,750,000</b>	
<b>Planned Encumbrances</b>	<b>\$ 2,384,000</b>	<b>\$ 2,900,000</b>	
<b>Remaining Budget</b>	<b>\$ 1,997,000</b>	<b>\$ 427,000</b>	

Anticipated project costs are estimates only and will likely vary as the projects move into detailed design and construction phases. Funding of estimated budget needs in future fiscal years is subject to City Council approval.

Recommendation

Approve the Drainage Assistance Program projects as recommended by the Stormwater Management Advisory Commission.

Attachments:

1. Overall Project Location Map
2. Drainage Assistance Program Qualified Projects Prioritization List
3. Recommended Project Report Pages