

>Purpose

>What causes flooding

>Your Neighborhood

>Current Status

>Ways to Help

>Questions

A Group Effort...



Richland County

- Synithia Williams, Stormwater General Manager
- Cynthia Kestner, Capital Projects Manager
- Yvonne McBride, Councilwoman



P.J. Noble and Associates, Inc.

- Pat Noble, President and CEO



Woolpert, Inc.

- Crystal Muller, PE, Project Manager
- Hal Clarkson, PE, CFM, Project Director



4D Engineering

- Charlie Deep, PE, LEED AP, President
- Justin Warring, PE, Project Engineer



Vaughn & Melton



Schnabel Engineering






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AGENDA


- > Purpose of meeting
- > Causes of Flooding
- > Your neighborhood
- > Current status
- > Ways to help
- > Questions?



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- > Explain drainage systems and causes of flooding
 - > Danbury Drive area experiences localized flooding during rain events
- > Discuss the County plan to reduce the *depth* and *frequency* of flooding
- > Discuss ways everybody can help reduce flooding



Purpose

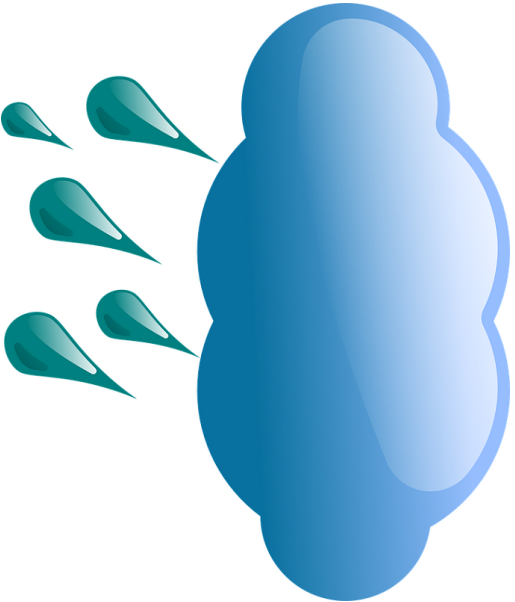
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How do communities handle rain?

- >Curb and Gutters
- >Inlets
- >Pipes, ditches, channels
- >Ponds
- >Outfalls



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Design Storm...

For a 24-hour storm event:

			
			
Thunderstorm	10-year	50-year	100-year
100% Yearly Chance	10% Yearly Chance	2% Yearly Chance	1% Yearly Chance

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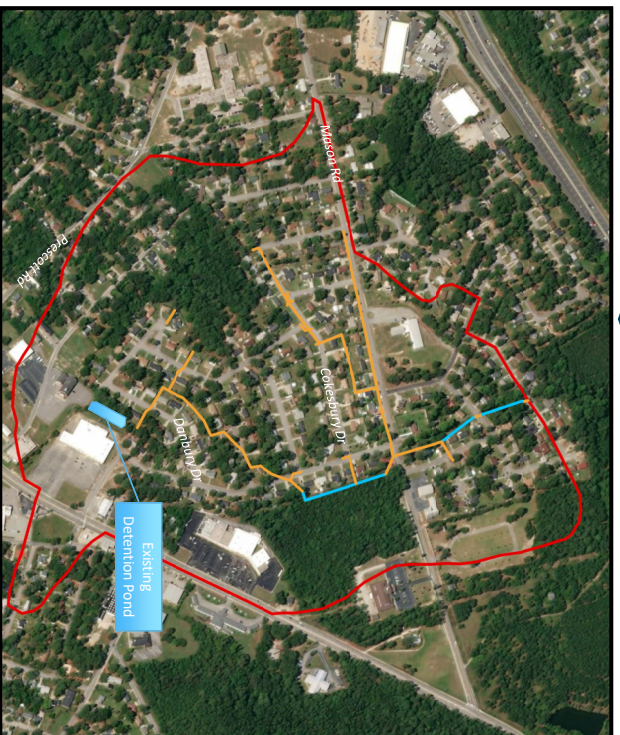
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- > Drainage Study Completed
 - Utility Encroachments
 - Undersized Infrastructure
 - Aging System
- > Funding secured
- > Project Team under contract to develop final design and construction
 - Pipe Improvements
 - Channel Improvements
 - Utilize existing stormwater pond

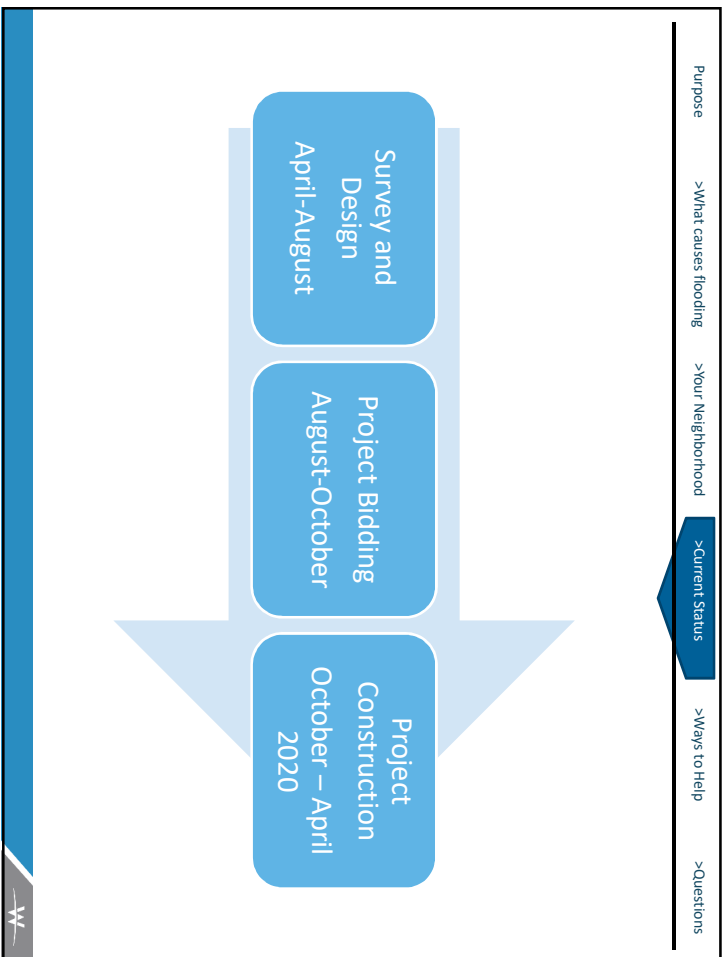


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Project Components

- Pipe Upsizing 
- Channel Improvements 
- Pond Size Increase 





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>During Construction

- Individual Property Owner Communications
- County will minimize disruptions
- Be Safe, Keep Workers Safe

LET 'EM WORK
WORK ZONE
LET 'EM LIVE

SLOW

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- Don't dump yard debris into channels
- Keep yard waste out of gutters
- Keep inlets clear of leaves and other debris
- House gutters discharge to open space



CONTACT INFORMATION

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