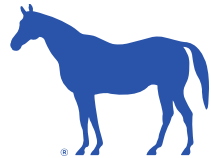


# STORMWATER SECTION DRAINAGE & FLOODING PROGRAM UPDATE

*Mark Sanders, Interim Director of Division of Water Quality  
Environmental Quality & Public Works Committee  
June 16, 2026*



**LEXINGTON**

## Agenda

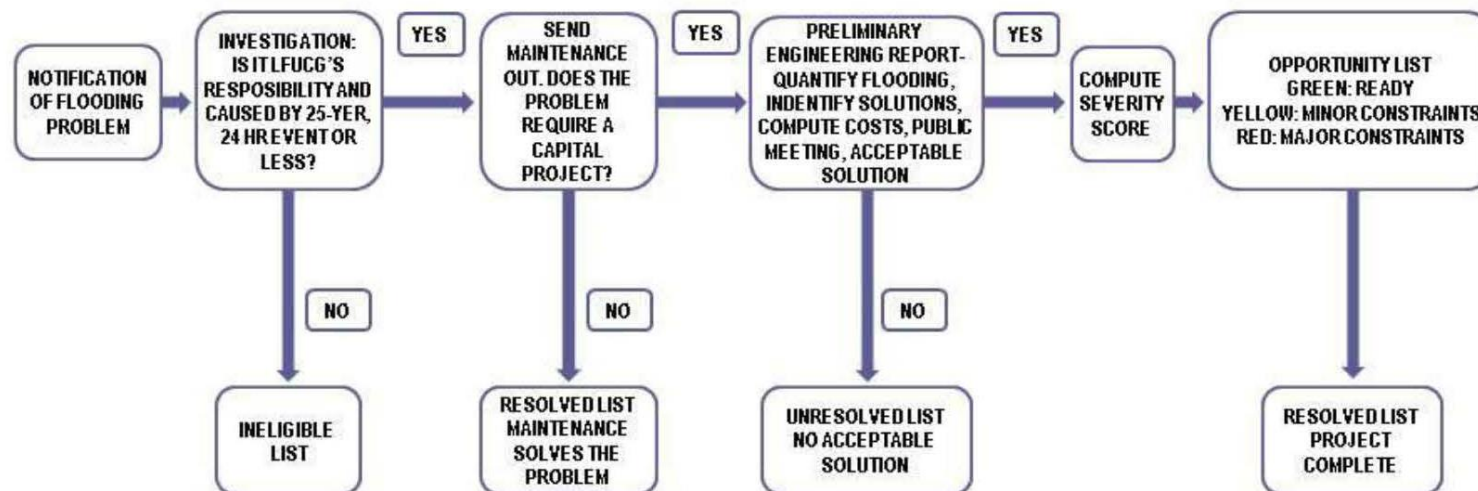
- Stormwater (SW) Priority Project List Overview
- Completed Capital Projects
- Active Capital Projects – Construction
- Active Capital Projects – Design
- Capital Maintenance Work
- Questions





# Stormwater (SW) Priority List

## Severity Score Process





## Stormwater (SW) Priority List

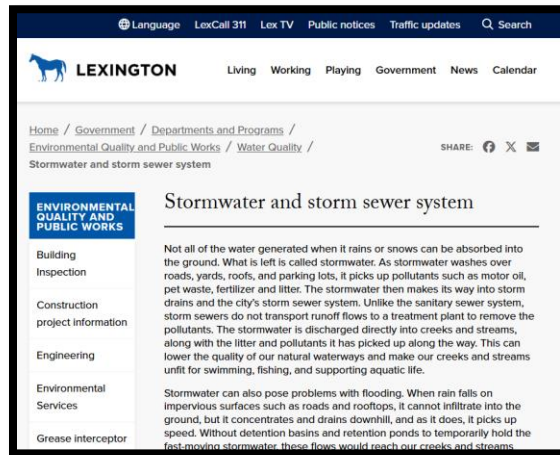
### HOW DOES A PROPERTY GET CONSIDERED FOR INCLUSION ON THE STORMWATER PRIORITY LIST?

For storm events less than the 25-year, 24-hour event (5.23 inches) – at least one of the following conditions must be met:

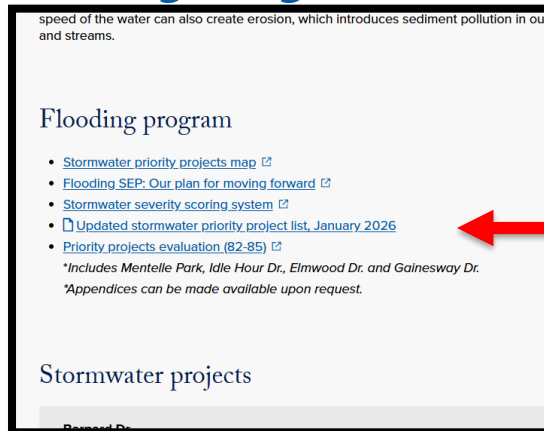
- Structure flooding (surface water entering a structure through an opening such as a door, window, or vent); or
- Street/road flooding with either greater than 1 foot of water in the driving lane or the crown of the road is not visible.

# Stormwater (SW) Priority List

## LFUCG Stormwater Website



## Flooding Program Section



Stormwater Priority Projects Master List- January 2023  
 (Projects are Prioritized by Efficiency Value)  
 (Projects Active on the Date of Publication Appear as **Bold Text**)  
 (Shading Denotes Projects That are Complete, Bid, or Recommended for Removal)

Project Priority and Name	Water-shed	Council District	Severity Score	CPI Adjusted Estimate	Efficiency Value	Comments
N/A WPGL	WR	3	1,506			<b>PROJECT COMPLETED</b> to prevent home flooding. Six homes demolished. <b>Total Cost: \$ 450,000</b>
N/A FEMA Grant #1 (Kilrush)	WR	9	N/A			<b>PROJECT COMPLETED</b> by demolishing 3 homes. FEMA grant used. <b>Total Cost: \$ 293,000</b>
1 Yellowstone	EH	7	195			<b>PROJECT COMPLETED</b> to stop street flooding and dangerous ice formation. <b>Total Cost: \$ 9,000</b>
2 Plainview Drive	WH	7	193			<b>PROJECT COMPLETED</b> to prevent home flooding. 405 Plainview acquired and demolished in 2011. <b>Total Cost: \$ 227,185</b>
3 CR-3, Sandpiper/Kingston/Swigert	CR	6	706			Project recommended for removal from stormwater priority list. Disruption to neighborhood and cost/benefit ratio unreasonable.
4 Smoky Mountain	EH	7	194			<b>PROJECT COMPLETED</b> to prevent street & home flooding. <b>Total Cost: \$ 9,000</b>
4.3 Greyhound Dr.	CR	12	480			Project recommended for removal from stormwater priority list. Property owner resolved flooding by using LFUCG Cooperative Floodproofing Program.
4.5 Perry Street / 200 Block	TB	2	1,234			<b>PROJECT COMPLETED</b> to prevent home flooding and serious street flooding. <b>Total Cost: \$ 40,000</b>
4.7 Sherwood Drive / Robin Road	WH	4	880			<b>PROJECT COMPLETED</b> to prevent home flooding. <b>Total Cost: \$ 77,000</b>
5 CR-6, Old Paris @ I-75	CR	6	486			<b>PROJECT COMPLETED</b> to prevent home flooding. Two houses razed. <b>Total Cost: \$ 129,000</b>
6 NE-2, Silver Leaf Court	NE	6	1,220			<b>PROJECT COMPLETED-</b> acquisition and demolition of one structure complete Dec 2020
7 WH-43, Coldstream Ct	WH	8	928			<b>PROJECT COMPLETED</b> to protect homes from dangerous erosion. <b>Total Cost: \$ 20,000</b>

Website – [LINK](https://www.lexingtonky.gov/stormwater-and-storm-sewer-system)

<https://www.lexingtonky.gov/stormwater-and-storm-sewer-system>



## **Completed Capital Projects**

## JOYLAND AREA STORMWATER PROJECT (Council District 6)

- Stormwater Priority List # 81
- **Problem:** Undersized infrastructure and no detention in the project area.
- **Remedy:**
  - Create detention within the project area at Lisa Drive, Cabot Drive, and Shandon Drive.
  - Construct additional storm sewer on Freeman Dr.
- **Two Phase Approach:**
  - Phase 1 - Basins (2023) - \$1,289,489.00
  - Phase 2 – Infrastructure (2025) - \$1,287,080.31

*LFUCG-DWQ applied for a FEMA Hazard Mitigation Grant Program (HMGP)*

*Awarded \$999,598.00*

- *Federal (90%)- \$899,638.20*
- *State (4.8%) - \$47,980.70*
- *Local (5.2%) - \$51,979.10*

# JOYLAND AREA STORMWATER PROJECT (Council District 6)



# COOPER DRIVE STORMWATER PROJECT (Council District 5)

- Stormwater Priority List #82.5
- Problem:
  - Undersized infrastructure
- Remedy:
  - Replace storm lines Cooper Drive, Romany Road, Duke Road, and Indian Mound Road
- Bid Cost
  - \$2,101,875



## COOPER DRIVE STORMWATER PROJECT (Council District 5)



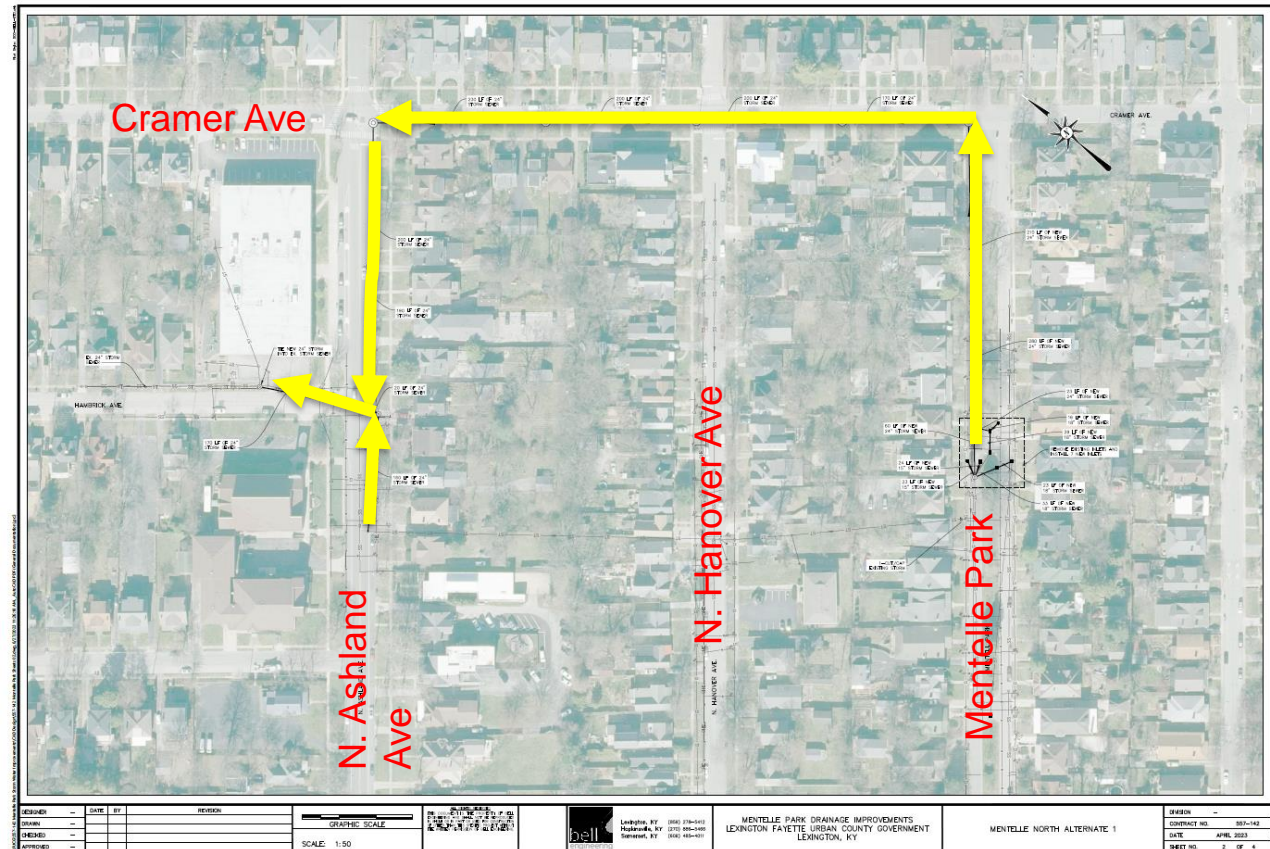


# **Active Capital Projects Construction**

# MENTELLE PARK STORMWATER PROJECT (Council District 3)

## Stormwater Priority List #82 (North)

- **Stage:**
  - Advertised (Opens 6-18)
- **Problem:**
  - Undersized Infrastructure
- **Remedy:**
  - Replace storm lines Mentelle Park, Cramer Ave, N. Ashland
- **Cost Estimate:**
  - \$1,700,000
- **Construction Completion:**
  - Summer 2027





# **Active Capital Projects Design**



## IDLE HOUR DRIVE STORMWATER PROJECT (Council District 5)

### Stormwater Priority List #83

- **Stage:**
  - Preliminary Design
- **Problem:**
  - Localized Flooding and Insufficient and Undersized Infrastructure.
- **Remedy:**
  - Waiting on PER for alternates
- **PER Completion Date:**
  - Fall 2026





## **Capital Maintenance Work**



## Capital Maintenance

- Smaller projects to mitigate nuisance flooding or;
- Repair and cleaning projects intended to restore neglected infrastructure or;
- Larger “Repair” projects, which require engineering design and are openly bid for construction. These would not likely meet the criteria for Priority Capital projects.

**Complete** ✕

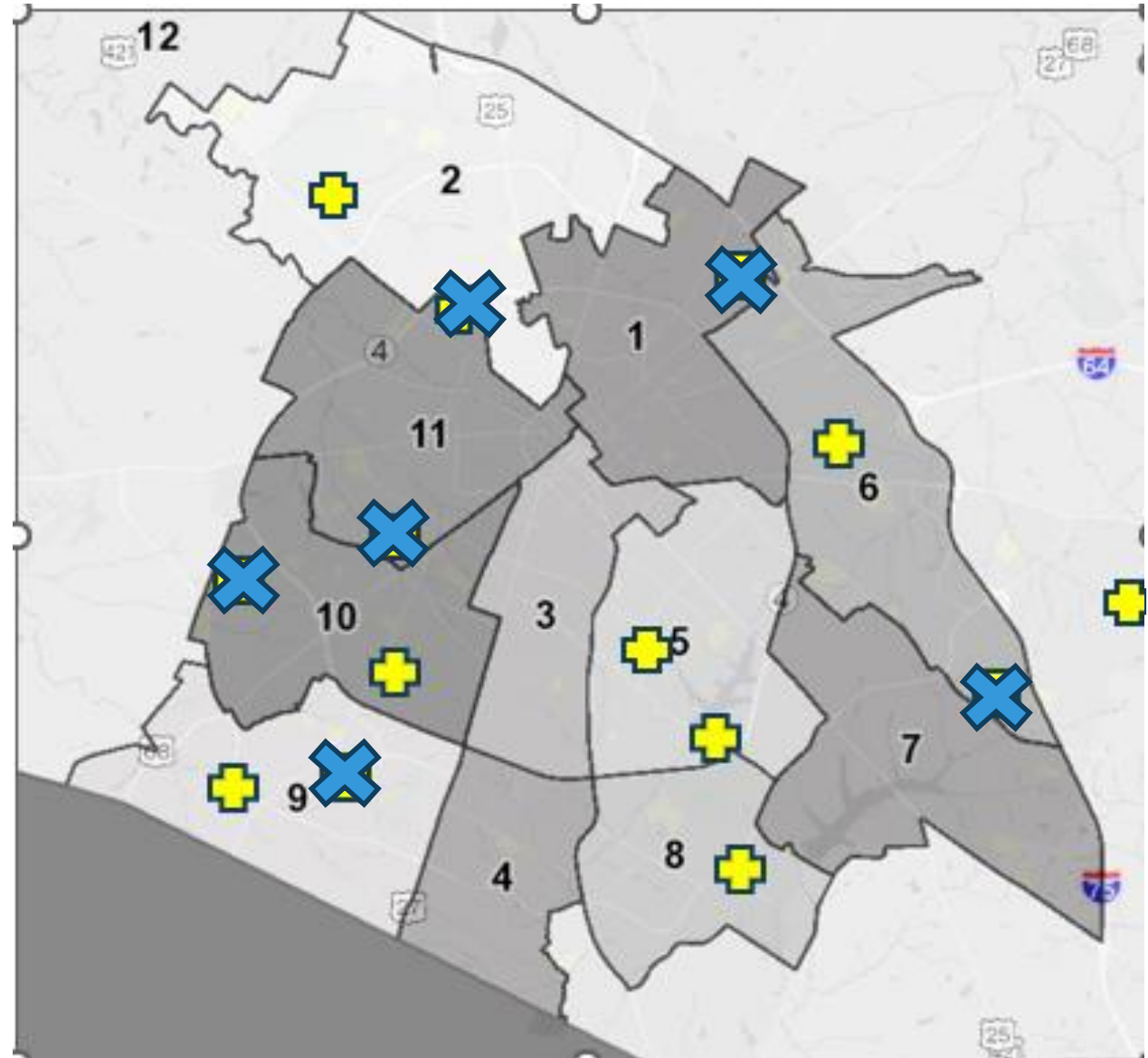
- Barnard Drive (CD 6)
- Dogwood (CD 9)
- Savannah-Guilford (CD 10)
- Furlong Drive (CD 11)
- Meadowthorpe Phase 2 (CD 11)

**Advertise/Award/Construction**

- Lakewood Court (CD 5)
- Taborlake Drive (CD 5)
- Gayle Drive (CD 6)
- Longwood Drive (CD 9)
- Southview Drive (CD 10)

**Design / Preliminary Engineering Report**

- Haggard Court (CD 1) (*Transylvania Univ.*)
- Masterson Station/Great Acres (CD 2)
- Kenesaw Drive (CD 8)
- Walnut Grove (CD 12) (*Monitoring*)



# STORMWATER CAPITAL MAINTENANCE



***Edgelawn Detention Basin  
(After Big Storms – Help (as-needed))***



***Wyndham Hills & Clays Mills  
(Buried Inlet – Impacted Storm Pipe)***



***Race Street  
(Broken Storm Pipe and KAW Conflict)***

# STORMWATER CAPITAL MAINTENANCE



Curb Inlets full of Trash



Cleaning Concrete Flumes



Completely Broken Inlets



Coolers blocking Storm Pipes

3 FTEs manage a contractor to clean and repair Stormwater infrastructure with an annual budget of \$1,000,000.

### Completed Work Orders

Year	CCTV	Point Repair	Clean/Repair Basin	Totals
2018	16	25	46	87
2019	17	56	69	142
2020	15	21	25	61
2021	30	108	50	188
2022	49	122	61	232
2023	22	156	46	224
2024	10	126	30	166
2025	5	67	22	94

# Questions?



**LEXINGTON**