

REGIONAL STORMWATER MANAGEMENT PROGRAM

Addressing flooding, erosion, and water quality





Stormwater problems across Northeast Ohio:

Flooding, erosion, poor water quality





Regional Stormwater Management Program

- Slip opinion issued Sept. 15
- Request for reconsideration denied: Dec. 2, Slip opinion final
- Escrow funds received from Huntington Bank: \$20.9 million

District has authority to implement and collect fee for the Regional Stormwater Management Program

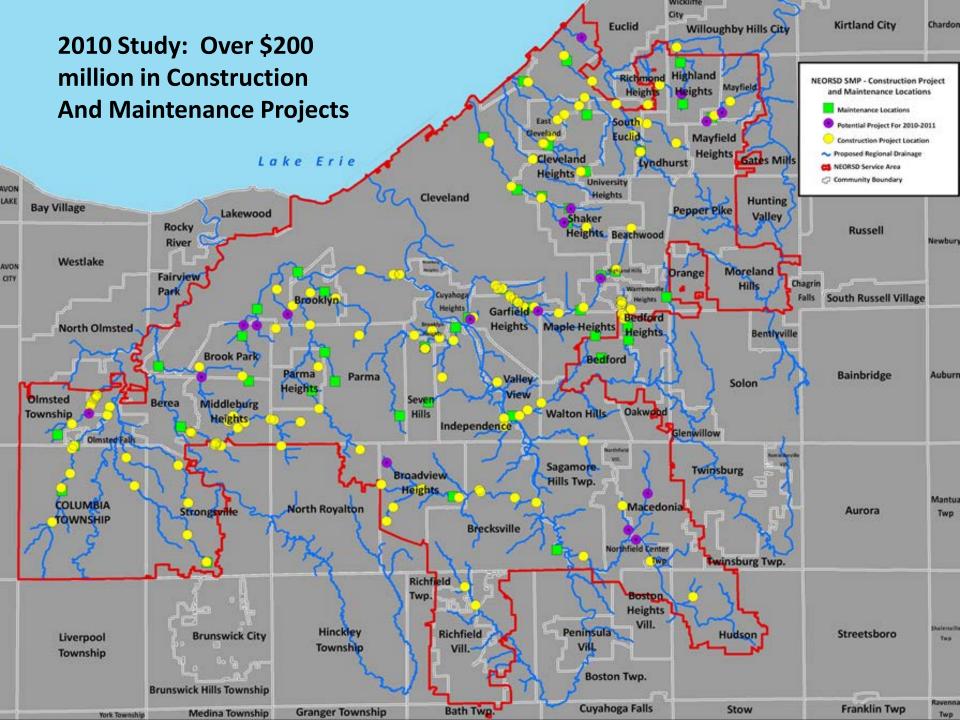
Regional Stormwater Management Program

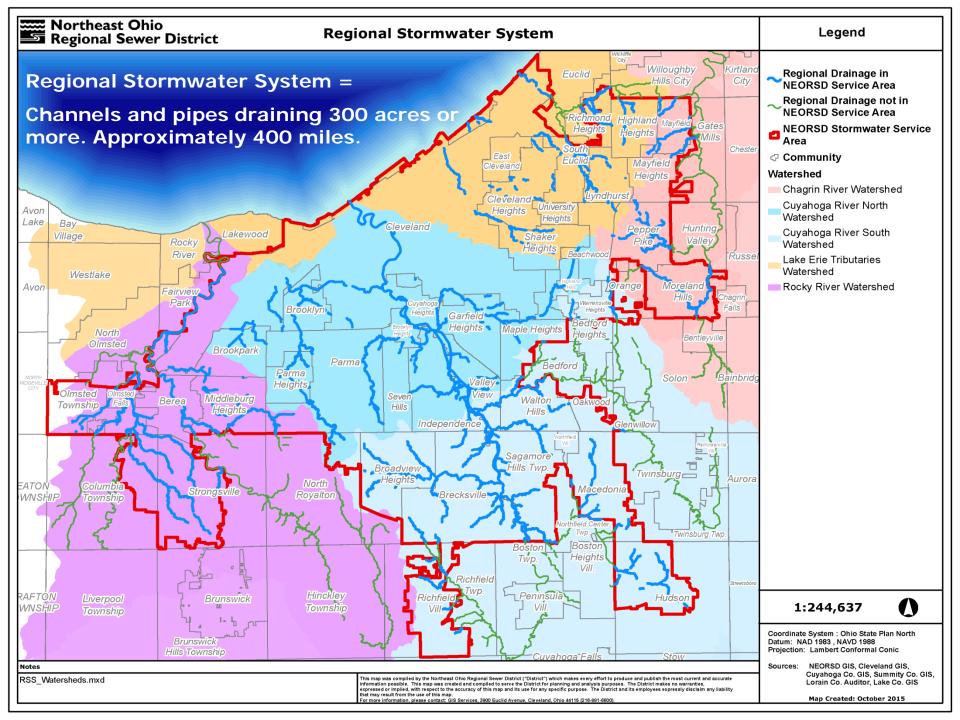
- Funding Solutions:
 - More than \$228 million in backlogged stormwater-related projects

Implement fee based on impervious surface









Regional Stormwater Management Program Components...



Stormwater Master Plans



Inspect & Maintain



Construct Projects



Encourage Good Practices







Stormwater Inspection and Maintenance





Inspection & Maintenance

- Goal: Increase functionality of Regional Stormwater System to reduce critical consequences of flooding, erosion & catastrophic failure
- Responsible for inspection and maintenance of streams that are part of the Regional Stormwater System



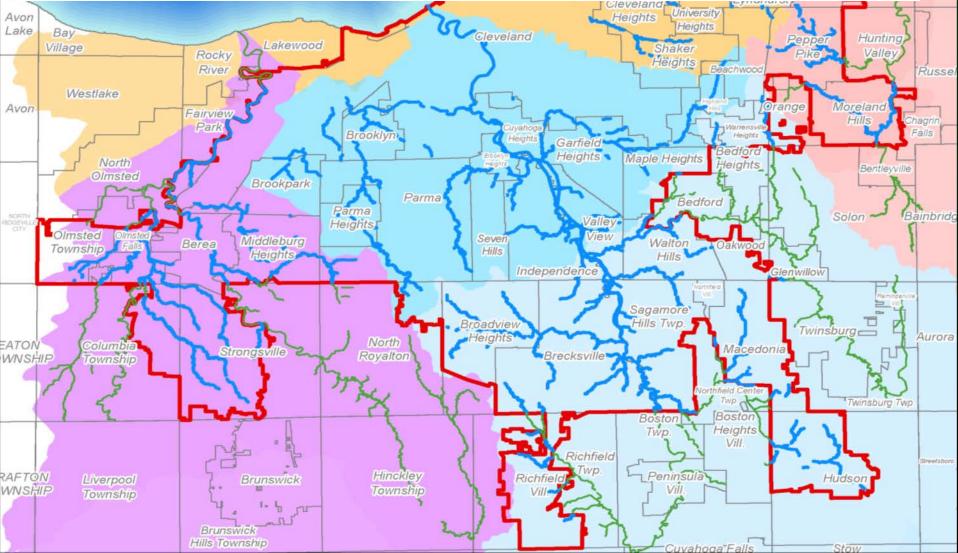


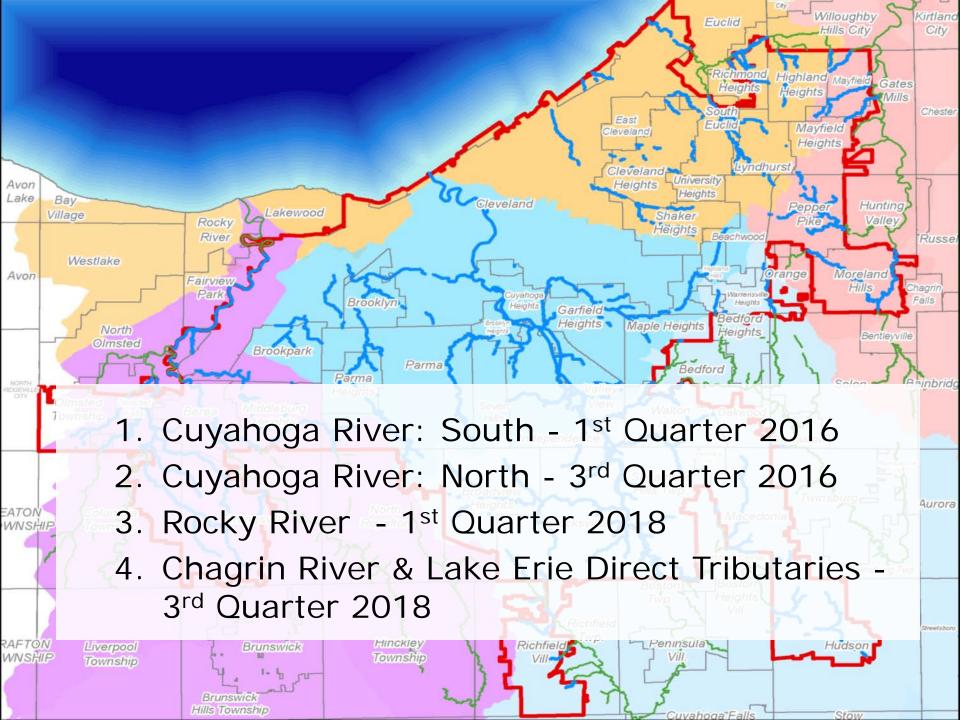


Stormwater Master Plans:

City

Facilitating Stormwater Management NOT Stormwater Movement







Stormwater Construction Plan





Stormwater Construction Plan Schedule



Procurement

Design & Permitting

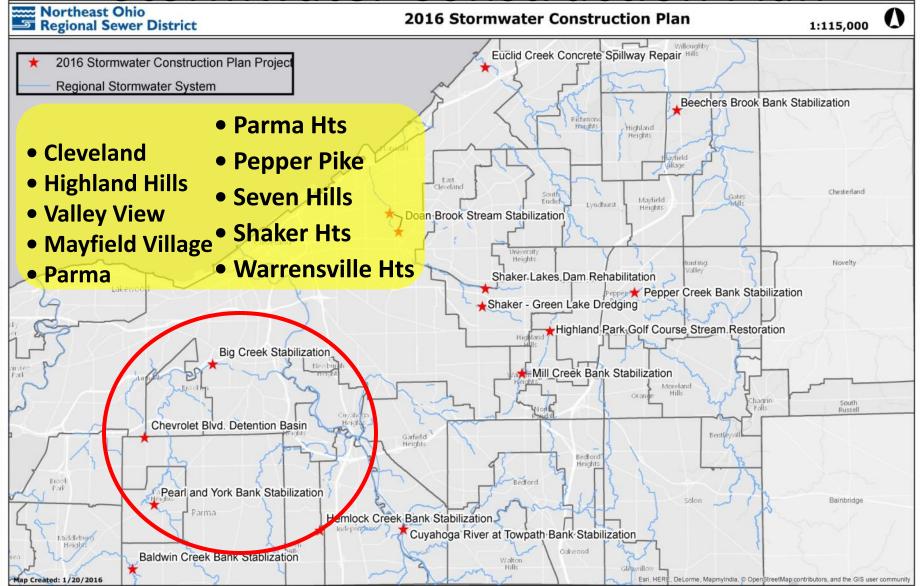
Bidding & Award

Construction

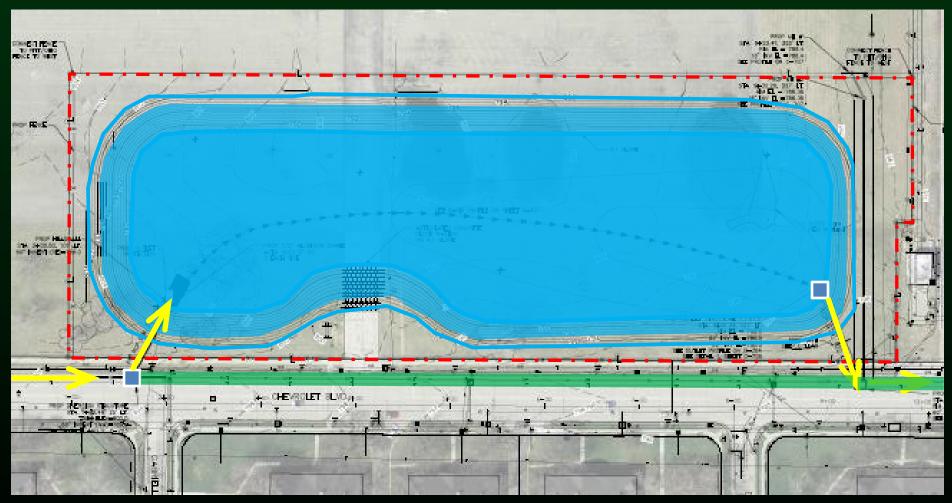
Close-out



Stormwater Construction Plan



Chevrolet Boulevard Detention Basin Design















Stormwater Fee

2016 Base Rate = \$5.15 per ERU per month Billing to begin second half 2016

- Impervious Area (IA)
 - Billing Unit = Equivalent Residential Unit (ERU)
 - > ERU = 3,000 square feet of IA

Stormwater Fee

2016 Base Rate = \$5.15 per ERU per month Billing to begin second half 2016

- Property Classification
 - SFR: Single Family Residential
 - NSFR: Non-Single Family Residential

Stormwater Fee

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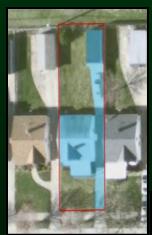


SFR Property



Stormwater Fee - Single Family

- Tier 1 (Small) < 2,000 ft²
 - \$3.09 per month
- Tier 2 (Medium)
 - **\$5.15** per month
- Tier 3 (Large) > 4,000 ft²
 - **\$9.27** per month









Stormwater Fee Example

Downtown Cleveland

- 99,000 sq.ft of total impervious area
- 33 ERUs across multiple parcels
- \$509.85/quarter
- \$2039.40/year







Stormwater Fee Credits

- Stormwater Fee Credits recognize on-site Stormwater Control Measures
 - Quantity Credit
 - Quality Credit
 - Education Credit
 - Individual Residential Credit



Raingarden

Stormwater Fee Credits

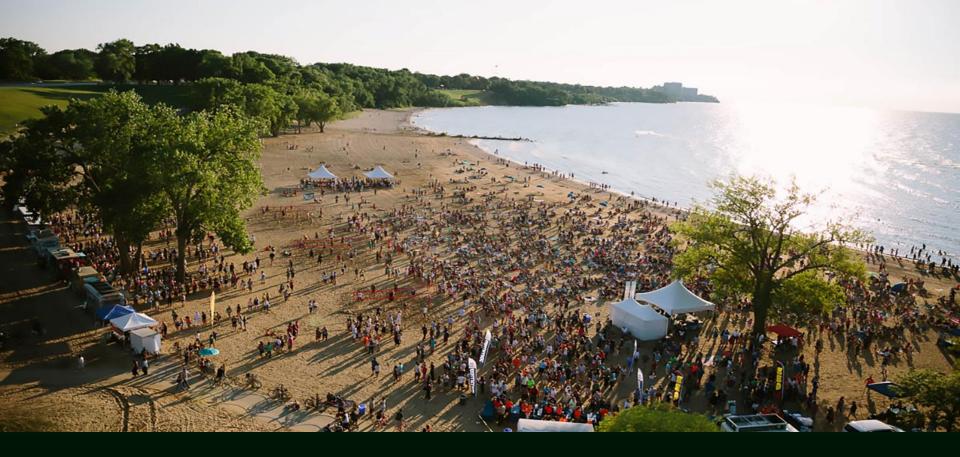


Detention Basir

Good Stormwater
Management =
Disconnection and
Distribution

Pervious Pavement

Retention Pond



Community and Customer Outreach





Watershed Advisory Committees

- Meets March and October
- Members: Member Community, Public Agency with control of infrastructure in the watershed
- Interested Entities: Watershed Groups, Land Conservancies



Community Cost-Share

- 25% of annual Stormwater Fee revenue collected in each Member Community
- Address current, or minimize new stormwater flooding, erosion or water quality problems

Community Cost-Share

- Opportunities may include:
 - ► NPDES Phase II / MS4 Compliance
 - ➤ Mitigate Separate Sanitary Sewer Overflow
 - Local Storm Sewer Rehabilitation
 - Stormwater Control Measure Maintenance
 - >MS4 IDDE Mapping / Source Tracking
 - ➤ Matching Funds for Stormwater Related Grants

Customer Outreach

 Customer service and Watershed Team Leaders are prepared to answer calls: 216.881.8247

Outreach

- Fee Finder and bill insert in 2016
- Blog posts and social media
- Community Outreach events
- Creation of informational literature
- Updates on Customer Service line
- Community Presentations

Thank You

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