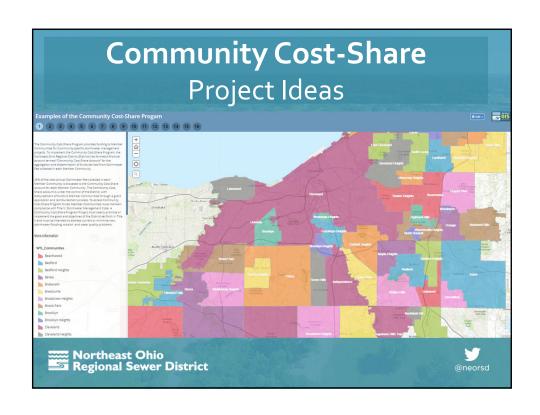
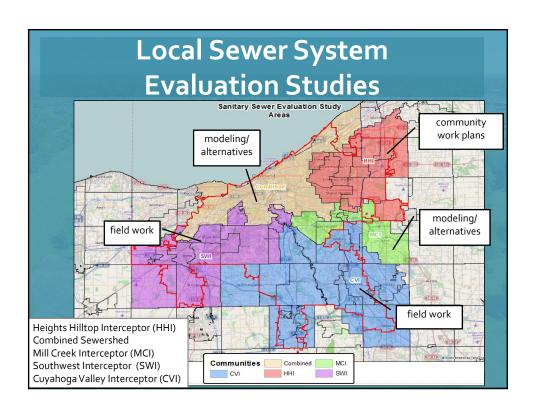


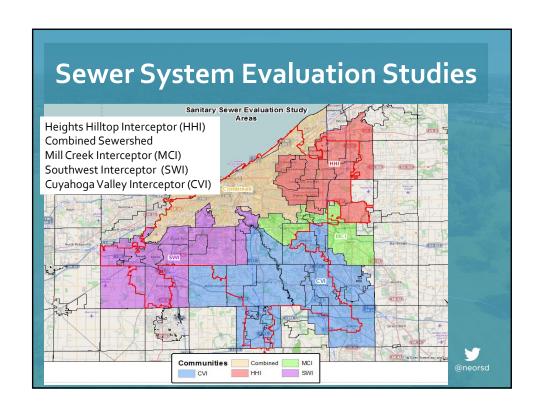


Agenda Sewer District Updates Community Cost-Share Local Sewer System Evaluation Studies Stormwater Master Plan Stormwater Inspection and Maintenance Urgent Response Process Problems to Projects Community Meetings on Crossings and Culverts Stormwater Construction Plan 2018 Project Updates 2019 Annual SW Construction Plan Review Construction Project Oversight Northeast Ohio Regional Sewer District



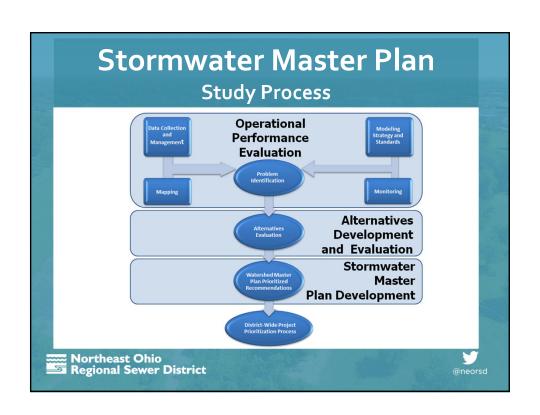


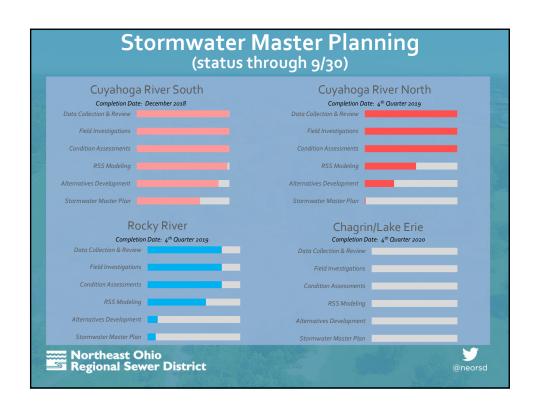


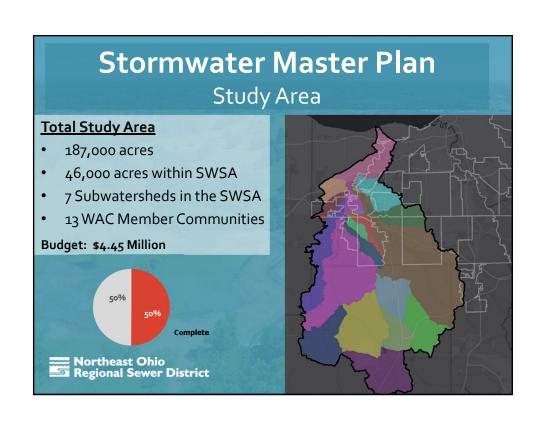












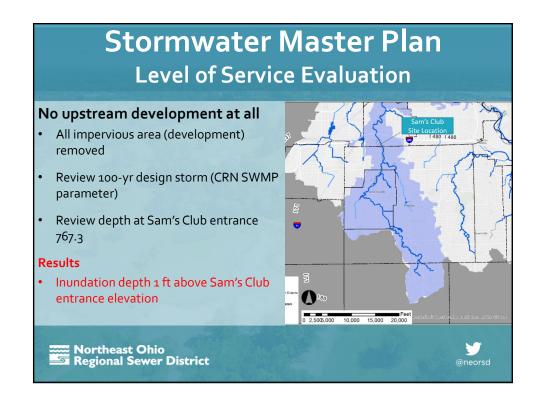








Stormwater Master Plan **Level of Service Evaluation Problem Overview** Sam's Club building & parcel site within both the 100-year FEMA & CRN SWMP model floodplains Total Drainage Area 8781 acres Percent Impervious 38% acres Problem Area Specific - Target volume to manage for 100-year LOS 1,800 acre-feet or ≈1,361 football fields Watershed-wide: Target volume to 180 manage for 100-yr LOS 3,300 acrefeet or 2,496 football fields Northeast Ohio Regional Sewer District



Stormwater Master Plan Level of Service Evaluation Use open land areas –regardless of current ownership Review 100-yr design storm (CRN SWMP parameter) Review depth at Sam's Club entrance 767.3 Results Potential open area is about 440 acres Needed storage of 1,500 acre-ft exceeds potential Current watershed does not have enough open areas to address levels of flooding Available open areas at Walmart locations for storage opportunities can not remedy issues Northeast Ohio Regional Sewer District



Stormwater Master Plan

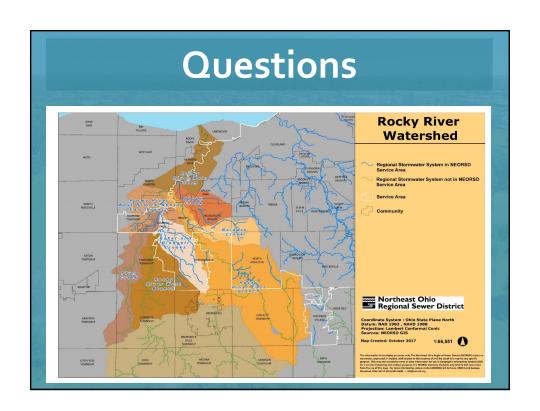
Community Communication

- Member Community Work Plans
- Meet with communities
 - Problem Area Review
- Recommendations and Community Report

Your Watershed Team Leader serves as the point of contact between the communities and the District







Stormwater Inspection and Maintenance (SWIM) SPARTAN GC-V4Gb T 04/16/2018 08:00:02 © 036°F PS

SWIM Agenda

- Introduce SWIM Team Members
- Urgent Storm Event Response Process
- Small Scale Maintenance Projects
- Upcoming Community Meetings on Crossings





Westside SWIM Team

- Mark Link
 Supervisor
- Christina Silea
 Inspector
- Nikki Velez
 Inspector
- Claire Posius
 Project Coordinator
- Martina Jozanovic

 Data Maintenance

 Administrator

Northeast Ohio
Regional Sewer District

Eastside SWIM Team

- Keith McClintock
 Supervisor
- Jon Brauer
 Inspector
- Anne Roberto
 Inspector
- Mark Hornyak
 Project Coordinator
- Eric Baker

 Data Maintenance

 Administrator



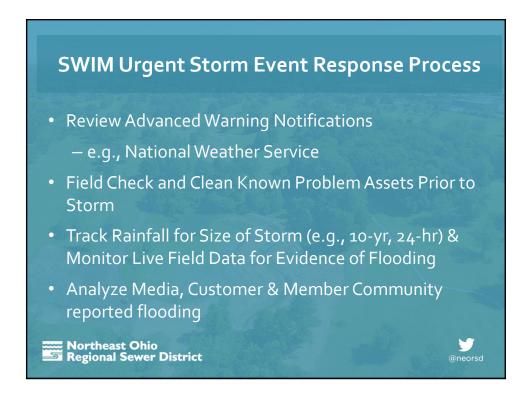
SWIM Agenda

- Introduce SWIM Team Members
- Urgent Storm Event Response Process
- Small Scale Maintenance Projects
- Upcoming Community Meetings on Crossings



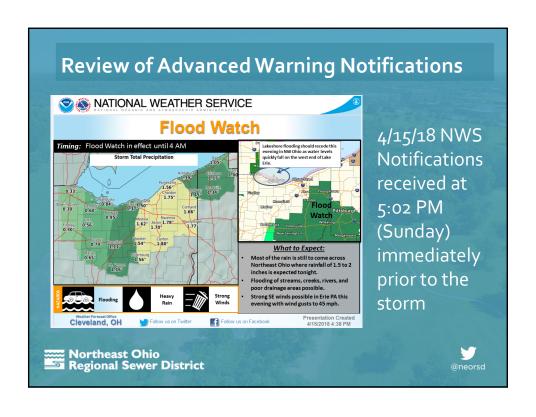


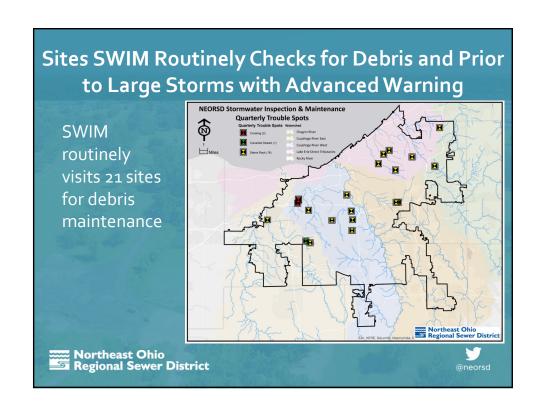




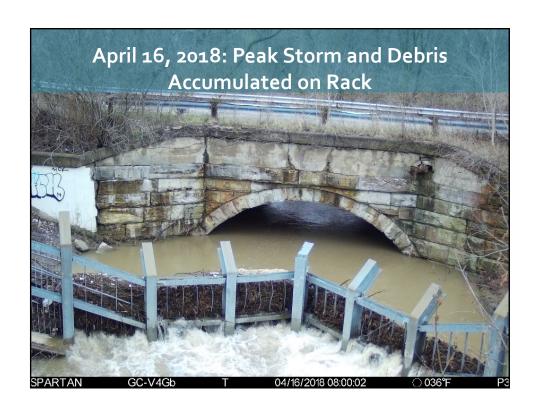
SWIM Urgent Storm Event Response Process Immediately Field Inspect Problem Assets Upon Receded Flooding Mobilize Contractors for Post-Storm Event Response Maintenance

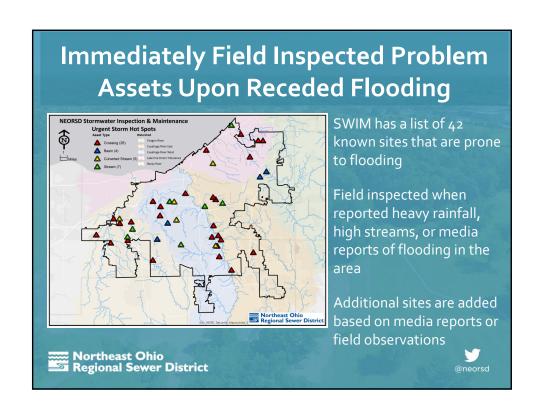


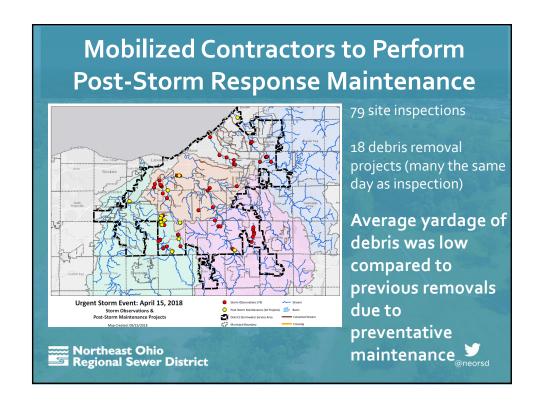


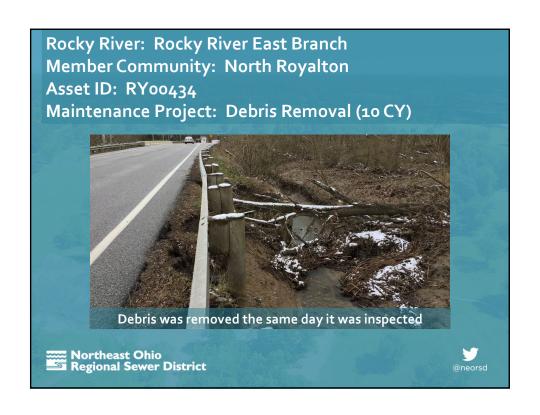


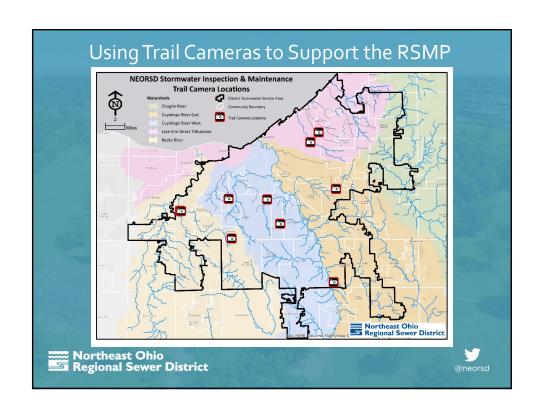


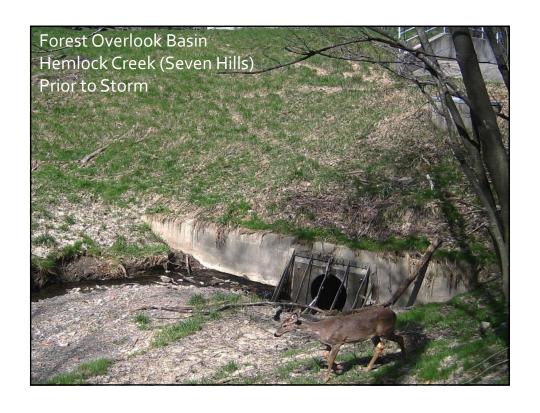






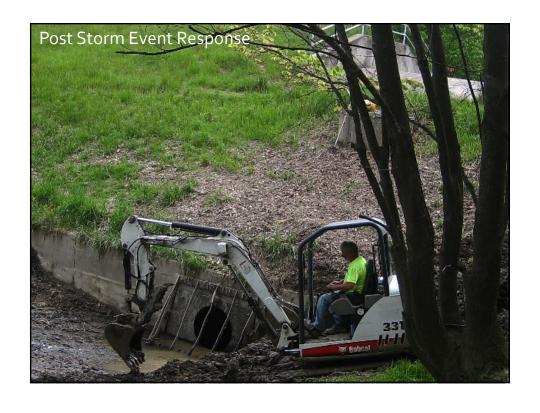








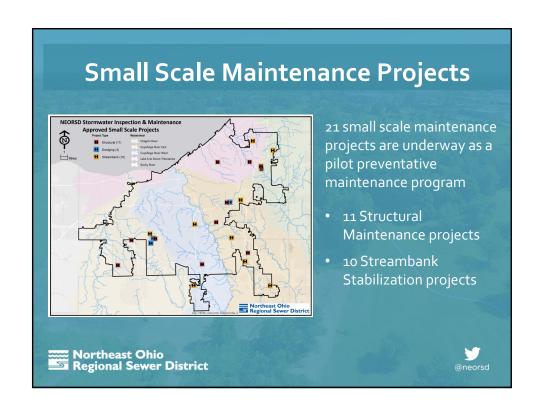








SWIM Agenda Introduce SWIM Team Members Urgent Storm Event Response Process Small Scale Maintenance Projects Upcoming Community Meetings on Crossings Northeast Ohio Regional Sewer District



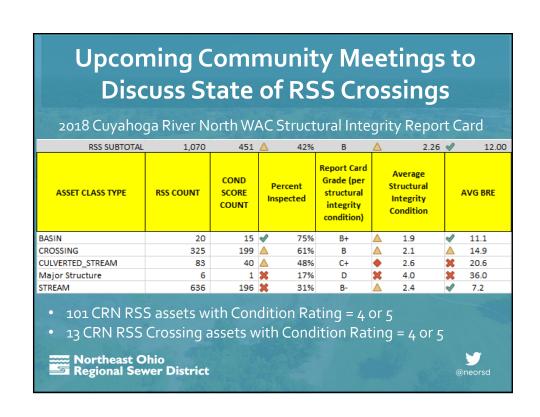






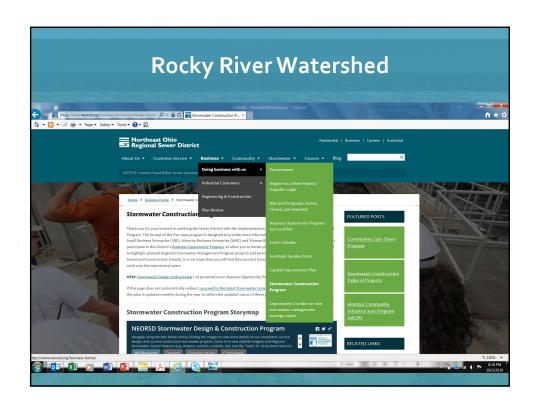


	District Stormwa	ter Service Area	The state of the s
	2018 SWSA Structural Integrity Report Card	SWSA Subwatersheds	The District continues to inspec RSS assets (55%)
ı	А	12	Almost all RSS crossings have
	В	38	been inspected
	С	5	
ı	D	1	Meetings will review SWIM
١	F	0	findings and next steps for
i	Total	56	implementation and financing



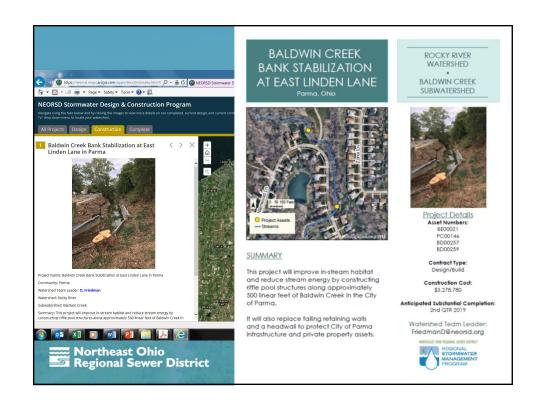


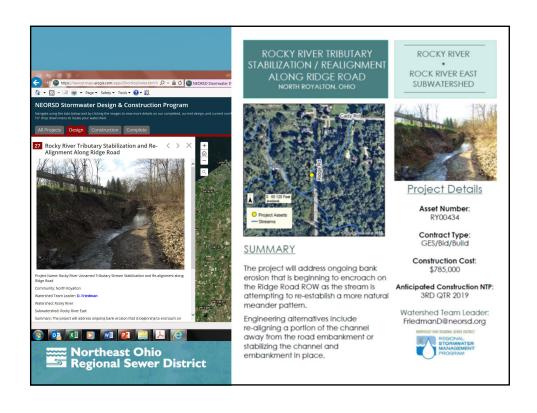


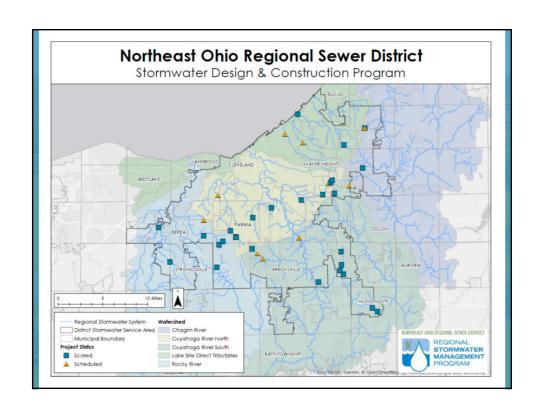




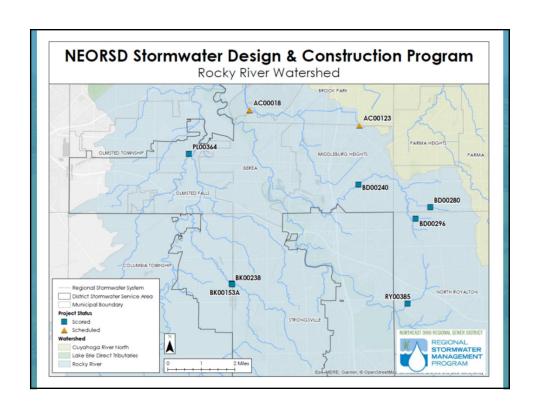




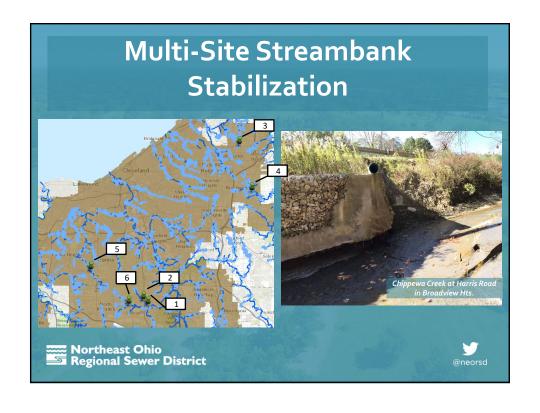




			WAC		Project	Total
	Proposed Project Name	RSS Asset ID(s)	Watershed	Subwatershed	Community	BRE
	Baldwin Creek Restoration upstream from the Stormes Drive	Tros resce ib(s)	Videelslied	Japanateranea	COMMITMENT	JONE -
	Basin in Parma	BD00280	Rocky River	Baldwin Creek	Parma	7
	Baldwin Creek- Stream Realignment and Sanitary Sewer		nocky miles	_ JIOWIII CI CCK	Middleburg	
2	Ptotection - Middleburg Heights	BD00240	Rocky River	Baldwin Creek	Heights	6
3	Baldwin Creek North Royalton Culvert Repair - BD00296	BD00296	Rocky River	Baldwin Creek	North Royalton	6
	BB00230		nocky miles	_ John Creek	Columbia	
4	Channel Realignment at Baker Creek Farm in Columbia Twp	BK00238, BK00153A	Rocky River	Baker Creek	Township	3
	Rocky River Stream Stabilization and Sewer Protection in North	BR00230, BR0023371	nocky hive	Rocky River	Township	
	Royalton	RY00385	Rocky River	Mainstem	North Royalton	
6	Plum Creek Wall Stabilization in Olmsted Falls	PL00364	Rocky River	Plum Creek	Olmsted Falls	1
6	Plum Creek Wall Stabilization in Olmsted Falls	PL00364				
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6	Plum Creek Wall Stabilization in Olmsted Falls	PL00364				





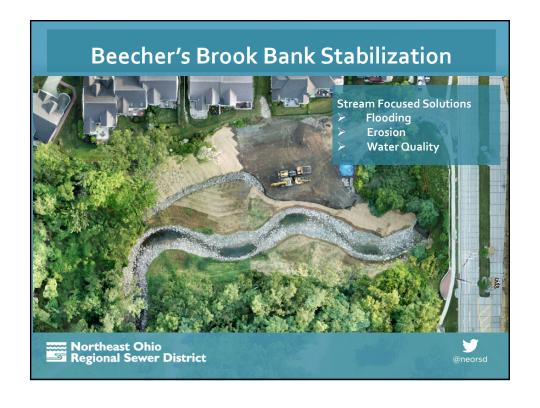


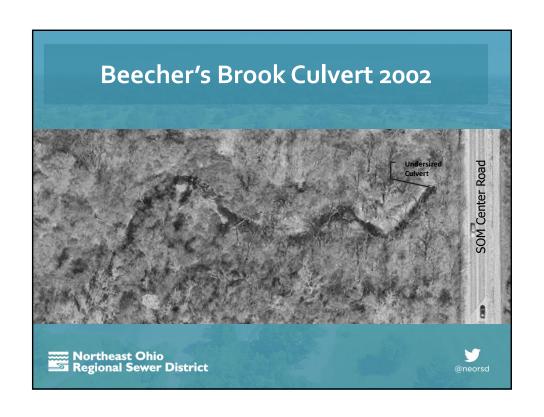
Metrics of Success

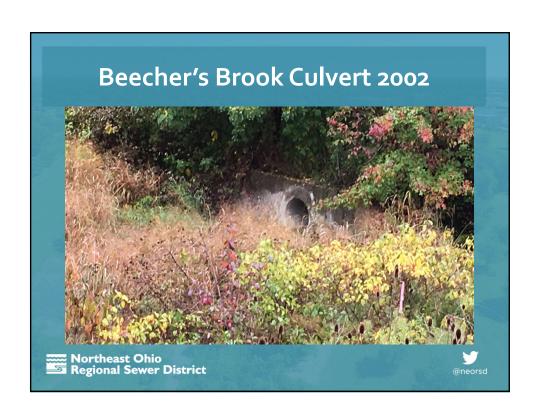
- 9,336 LF of Stream Restored/Stabilized
- 23,725 Tons of Sediment Removed
- 6.6 Acres of Floodplain Reconnected
- 575 LF of Culverts Repaired/Replaced
- Property Interests Obtained
 - -2 Fee Simple Acquisitions (18 acres)
 - -17 Permanent Easements Acquired

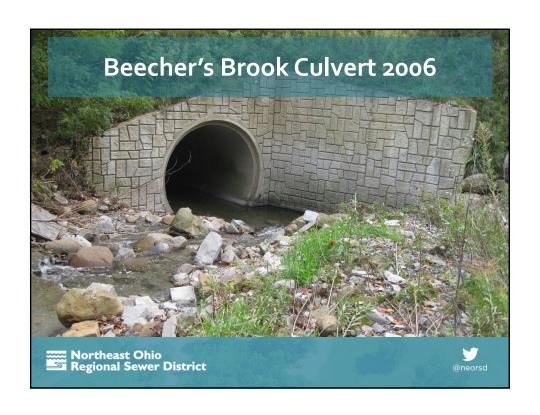


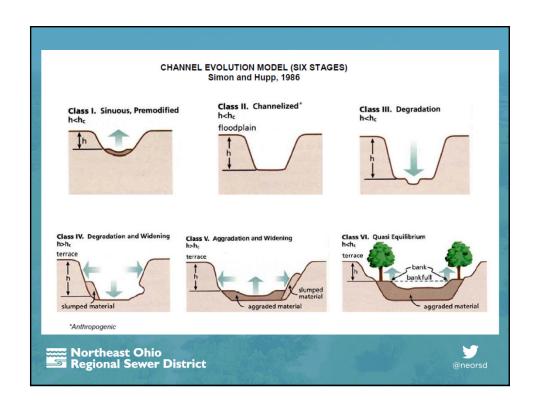


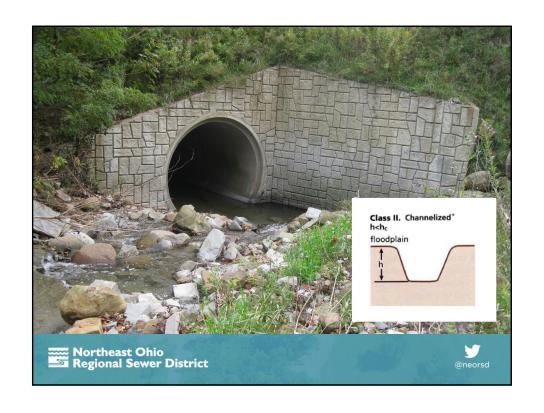


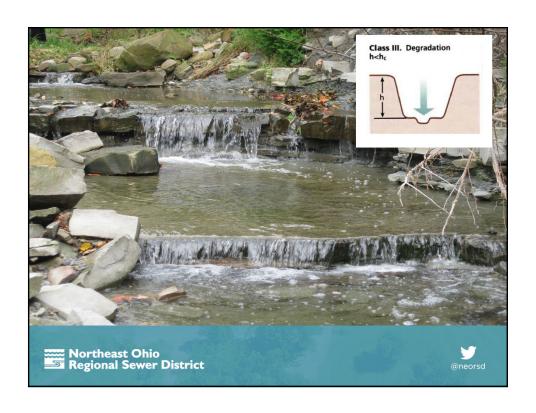




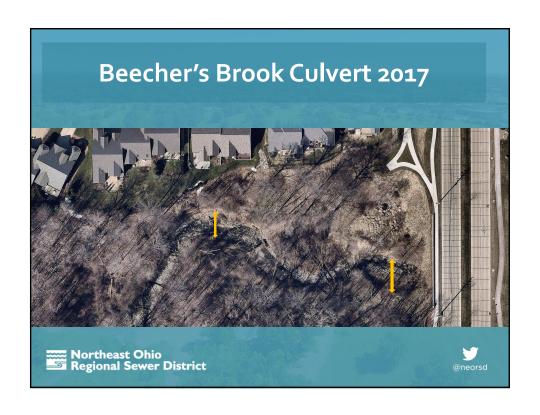


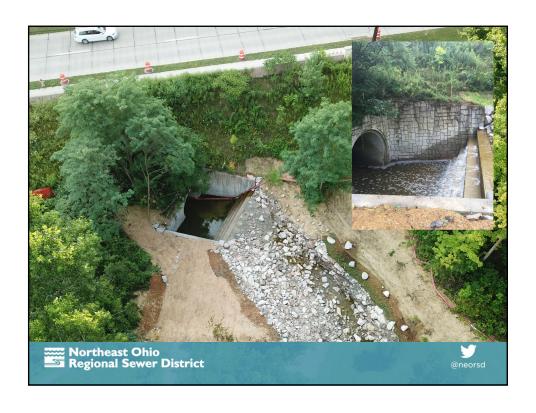


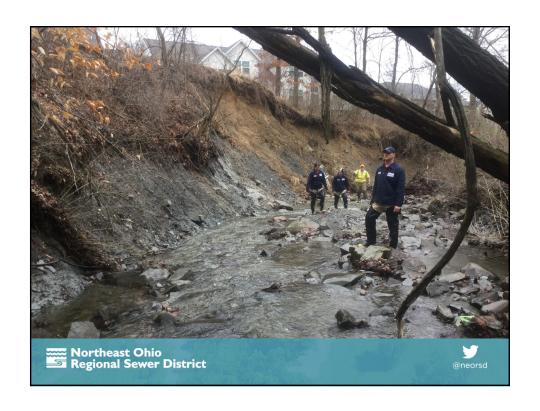
















What's Next

- District Stream Restoration Site Visit
 - October 25 (Thursday) from 2 to 3 pm
 - Meet at 6700 Beta Drive, Mayfield OH, 44143
- Annual WAC Representative Designation – January 2019
- Next WAC Meeting March 2019





