

HOTT DITCH
DRAINAGE IMPROVEMENT
PUBLIC INVOLVEMENT MEETING
JULY 27, 2023



Cornell R. Robertson, P.E., P.S.
Franklin County Drainage Engineer
www.franklincountyengineer.org
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THANK YOU FOR ATTENDING!
WE WILL GET STARTED AT 6:00 P.M.

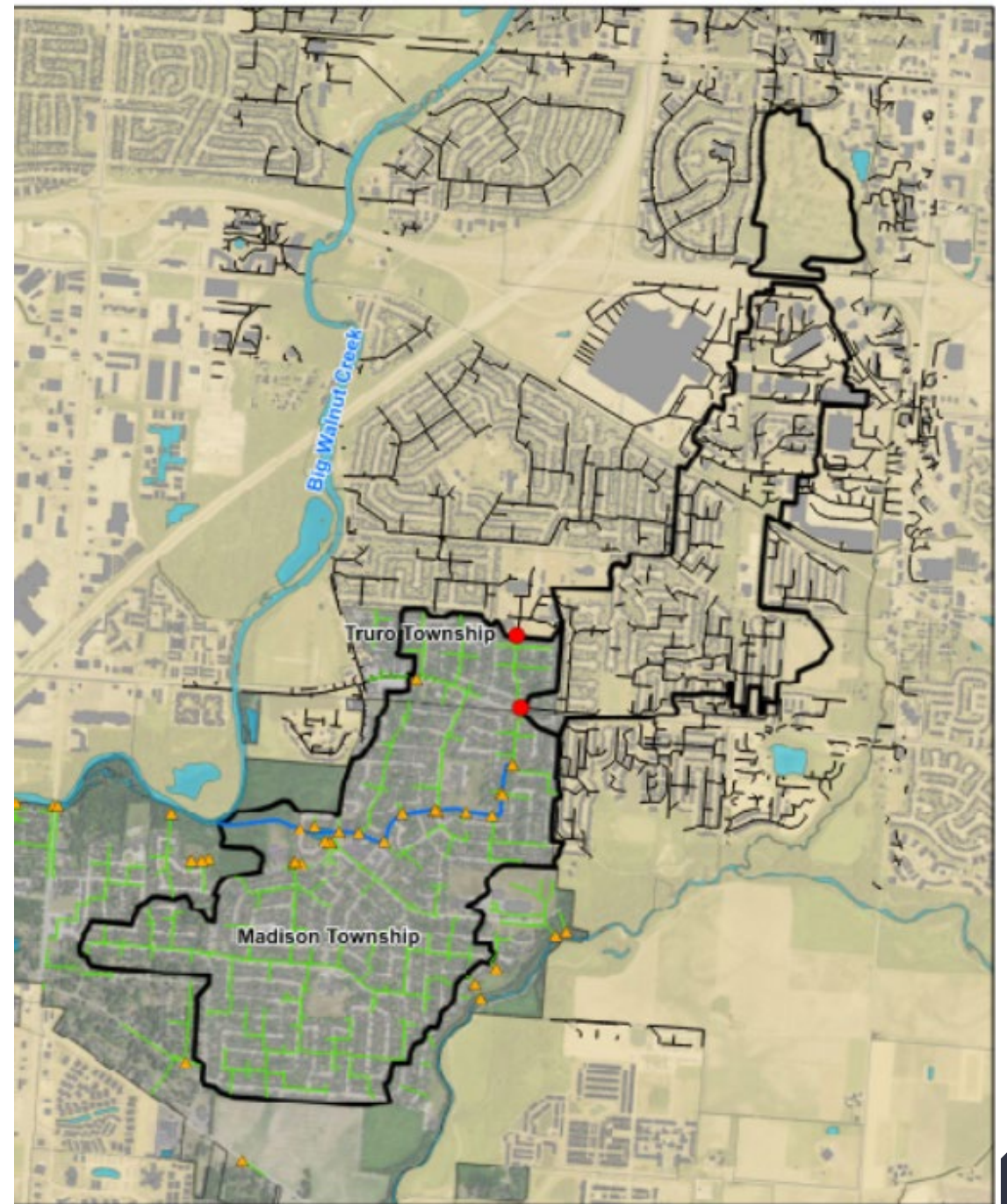
- We will give a brief presentation on the project and cover some of the Frequently Asked Questions.
- There will be a Q & A session at the end of the presentation.
- Staff will be available for further assistance until 7:15 P.M.

Introductions



Project Background

- Hott Ditch was petitioned in 1911 by C. Hott, M. Hanway, F. Miller, and J. Powell
- Petitioned length included 9,700 feet of tile and unknown feet of open ditch
- Original ditch was modified during the construction of the subdivisions, including Blacklick Estates and Qualstan East
- Sedimentation, in the open ditch section between Baynard Drive and Noe-Bixby Road, has caused the need for maintenance to restore the flow capacity and allow pipes to drain.



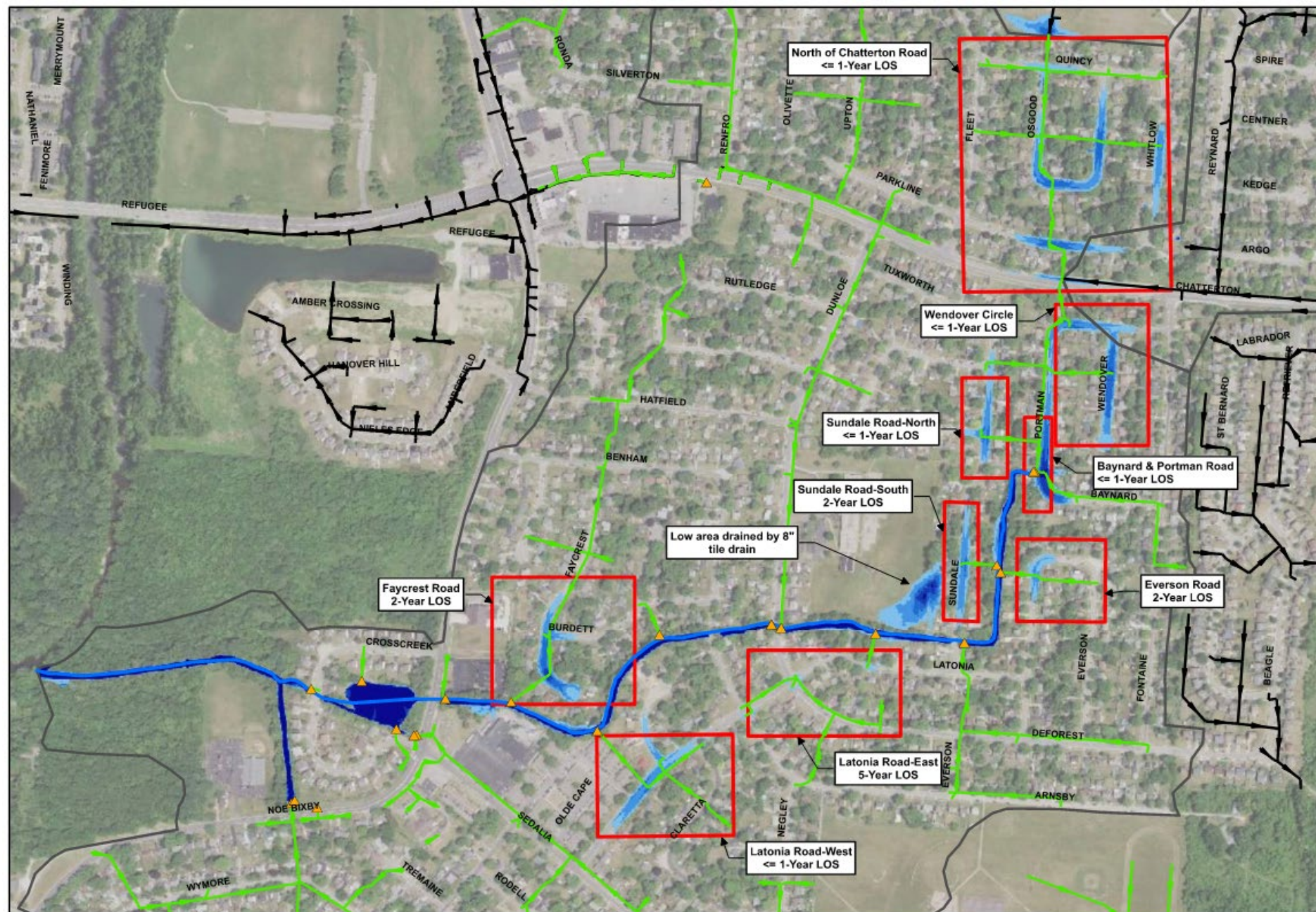
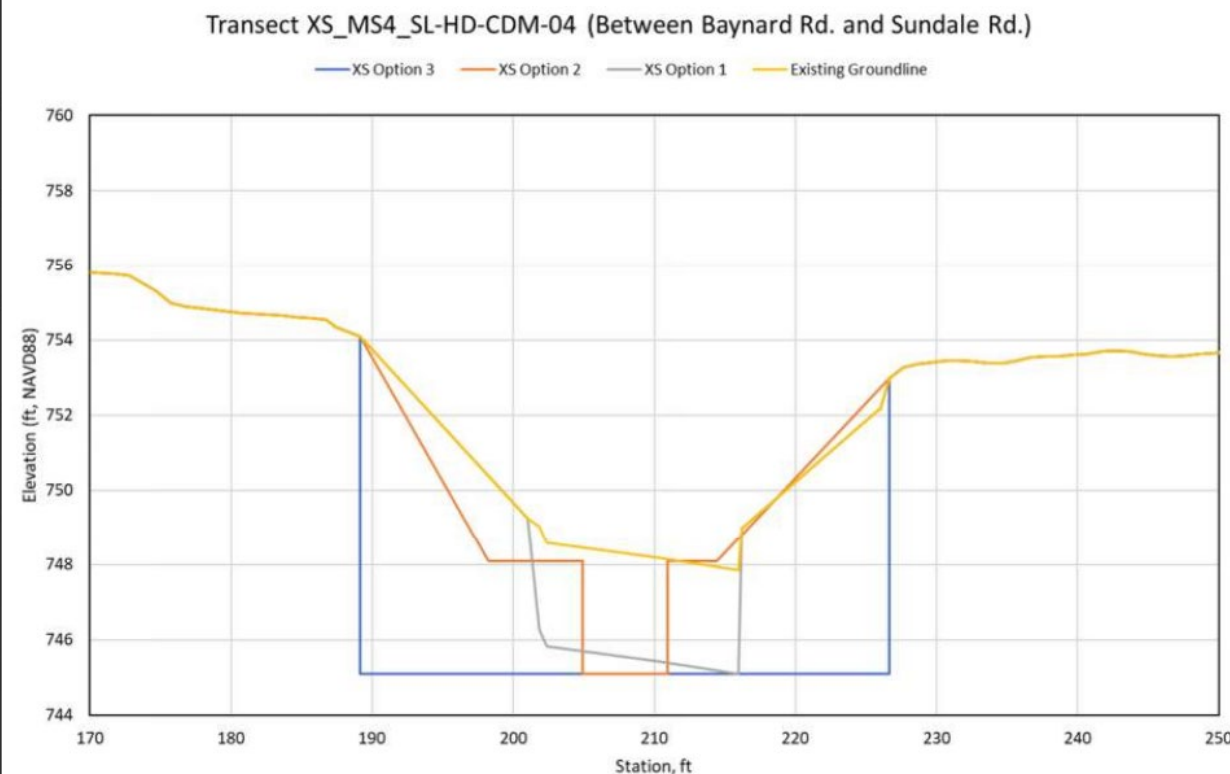
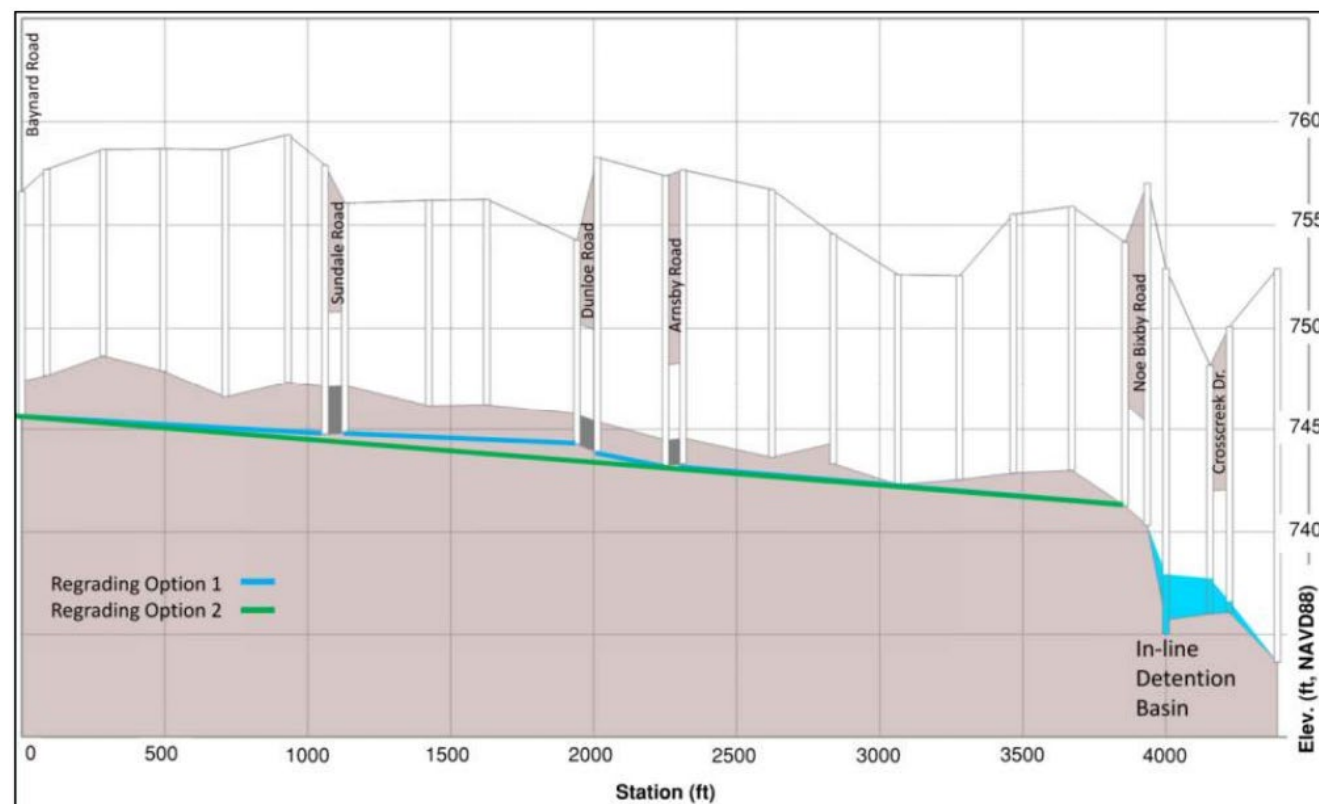
Hott Ditch Drainage Improvement
Franklin County, OH

Figure 3-10
Existing LOS of Drainage Areas
within Hott Ditch Watershed



Hott Ditch – Ditch Enhancement Concept Section



Opinion of Probable Project Cost

	Improvements	Estimated Cost
Value Engineering Alternative 2: Single Stage Channel with Extended Floodplain	Dredge 3,700 LF of Channel	\$283,846
	Clear/Grub Vegetation along 3,700 LF of Channel	\$55,866
	Construct 3,700 LF of Earthen 1-stage Channel	\$1,332,000
	Additional Bank Stabilization of 2nd Stage	\$291,647
	Long-Term O&M Access Driveways: 4 driveways (100 LF x 15 ft x 12 in gravel depth)	\$25,469
	Re-Establish 9 storm Outfalls	\$60,354
	Bypass Pumping	\$430,784
	Dewatering & Erosion/Sedimentation Control	\$105,898
	Property Repair Restoration: 45 properties	\$0
	Sundale Road Sewer, 600 LF of 24" Double Barrel	\$454,499
	Banyard Road Sewer, 50 LF of 24"	\$17,507
	School Property Extended Floodplain: 111,000 SF of increased storage.	\$651,630
Total OPCC:		\$3,709,500
	Engineering, 15% (e.g. design fee, bidding support, service during construction)	\$556,425
	Permitting (5%)	\$185,475
Total OPPC ⁽¹⁾ :		\$4,451,400

Project Schedule



- Preliminary Engineering Study
 - 2022 through Summer 2023
- Engineering Design
 - Summer 2023 through 2024
- Vegetation Removal along ditch
 - Winter 2023/2024
- Construction
 - October 2024 to June 2025



Frequently Asked Questions

Vegetation Removal

- We will only remove vegetation that is necessary to complete the project and improve the functionality of the ditch

Private Property Affected

- We are making all possible efforts to keep the project limits within the existing drainage easements
- Disturbed areas will be seeded and mulched or restored to existing conditions

Funding Source

- The Franklin County Drainage Engineer will be submitting Hott Ditch Drainage Improvement for the Ohio Public Works Commission Grant Application
 - Applications are due September 1
 - Grant awards beginning in December

QUESTIONS?

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