



DUBLIN UTILITY PROVIDERS MEETING 2023

Division of Engineering

April 26, 2023



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UTILITIES PROVIDERS MEETING

PAUL A. HAMMERSMITH, P.E., Director of Engineering/City Engineer

- Introductions
- Purpose
- 5-Year Capital Improvements Program
- Agenda of Presentation
 - Development
 - Utilities
 - Design and Construction
 - 2023-2025 Construction seasons



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HYLAND GLEN

- 102 single-family lots on 42.5 acres
- Located east of Hyland-Croy Road, north of Post Road
- Nine new public streets (includes the extension of three existing public streets to Hyland-Croy Road)
- New public utilities
- Coordination with Hyland-Croy Road improvements and U.S. 33/S.R. 161/Post Road interchange improvements
- Construction 2023



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HYLAND GLEN



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OAK PARK

- 12 single-family lots on 3.47 acres (Subarea E)
- 20 single-family lots on 2.94 acres (Subarea D)
- Located west of Hyland-Croy Road, south of Mitchell-Dewitt Road
- New public storm sewer
- Adjacent streets are existing
- Construction Summer 2023



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OAK PARK



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AYRSHIRE FARMS

- 30 single-family lots on 11.37 acres
- Located east of Cosgray Road, south of Shier Rings Road
- Three new public streets
- Westbound left turn lane on Shier Rings Road
- New public utilities
- Construction Summer 2023



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AYRSHIRE FARMS



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AVONDALE WOODS SECTION 2

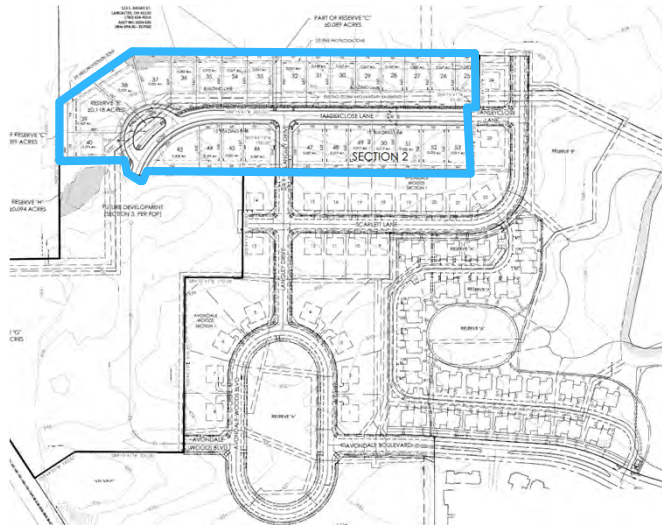
- 27 single-family lots on 9.09 acres
- Located west of Avery Road, north of Avondale Woods Boulevard
- Two new public street extensions
- New public utilities
- Construction Summer 2023



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AVONDALE WOODS SECTION 2



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TOWNS ON THE PARKWAY

- 154 attached single-family residential units distributed across 29 buildings on 11.0 acres
- Located west of Village Parkway, south of Tuller Road



- Three new public streets
- Nine new private drives
- New public and private utilities
- Section 1 Construction ongoing
- Section 2 Construction Summer 2022



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TOWNS ON THE PARKWAY



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MOUNT CARMEL HEALTH SYSTEM

Phase 1

- Four-story inpatient hospital, ambulatory care facility (excluding shell space on fourth floor)
 - 153,000 SF with 30 beds
- Two-story attached medical office building
 - 52,000 SF

Phase 2

- Build out of hospital's fourth floor
 - 25,000 SF with 30 beds
- Hospital addition
 - 35,000 SF
- Detached medical office building
 - Up to 40,000 SF



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MOUNT CARMEL HEALTH SYSTEM

- New private utilities

Offsite Public Improvements

- Emerald Parkway
 - Roundabout into main entry
 - Secondary access
- Bright Road & Sawmill Road
- Mount Carmel onsite work - Construction ongoing



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BRIDGE PARK, BLOCK F – THE BAILEY

- Six-story podium apartment building on 1.77 acres
 - Age restricted
 - 87 dwelling units
 - 87-space podium parking structure



- Adjacent streets are existing
- New private utilities
- Construction ongoing



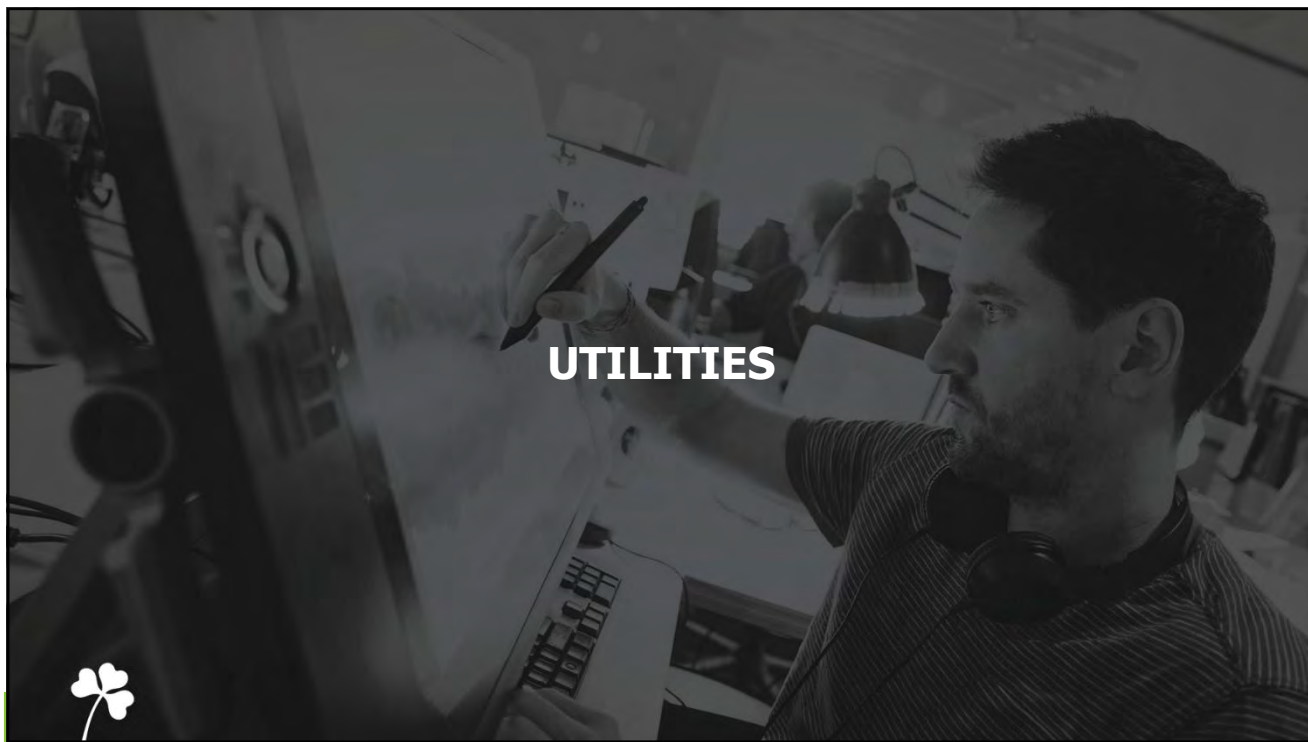
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BRIDGE PARK, BLOCK F – THE BAILEY

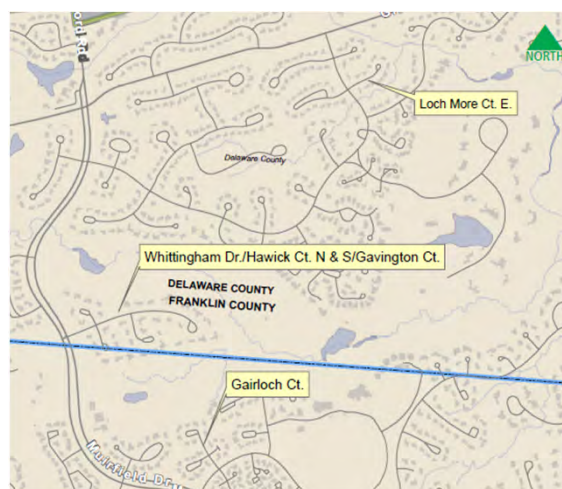


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WATERLINE REPLACEMENT – PHASE VI

- Waterlines will be replaced along:
 - Whittingham Drive
 - Hawick Court N
 - Hawick Court S
 - Gavington Court
 - Gairloch Court
 - Loch More Court East
- Construction Summer 2023
- Budget: \$600,000

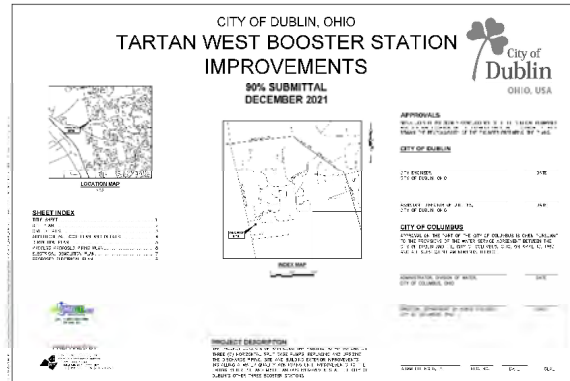


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TARTAN WEST AND POST ROAD BOOSTER STATION UPGRADES

- Upgrades to existing Tartan West Booster Station and the addition of a water quality monitoring unit to the Post Road Booster Station.
- Replacement of pumps and motors, including exterior modification.
- Currently advertised
- Budget: \$423,500

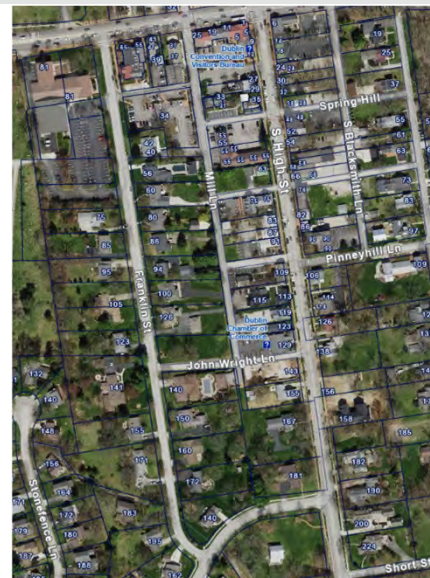


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SOUTH HIGH STREET UTILITY BURIAL – PHASE 1

- Conversion of aerial utilities on South High Street from Bridge Street to Short Street to underground utilities
- Includes Franklin Street and Mill Lane
- Construction underway
 - Completion: Summer 2023
- Budget: \$3.7M



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SANITARY SEWER EXTENSIONS – AREA 1B

- Sanitary Sewer Extension of over 2,200 feet on Trails End Drive
- Includes reconstruction of the roadway and drainage improvements
- Construction is on-going
 - Completion: Late 2023
- Budget: \$2M



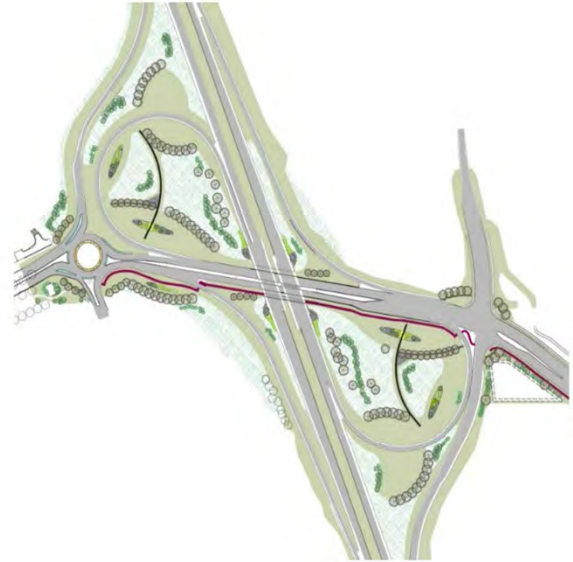
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US33/SR161/POST ROAD INTERCHANGE PROJECT

- Improvements to the US33/SR161/Post Road Interchange Project
- Ramp realignment, bridge replacement & widening, signal upgrades, roadway widening, aesthetics, etc.
- Bid through ODOT, PID 80748
- Bid opening on March 10, 2022.
- Construction 2022-2025
- Engineer's Estimate: \$40M



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HYLAND-CROY ROAD IMPROVEMENTS

- Widening of Hyland-Croy Road from Post Road to 1000 feet north of Park Mill Drive
- New signalized intersection & upgrades of existing signal
- Storm conduit & ditch installation
- Bidding in 2023
- Completion planned for late Spring 2024
- Budget: \$3M

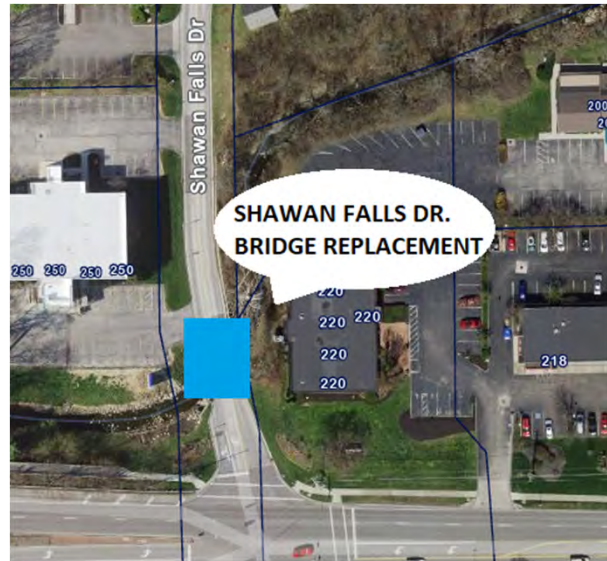


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VEHICULAR BRIDGE MAINTENANCE: SHAWAN FALLS DRIVE

- Replacement of one bridge north of Bridge Street on Shawan Falls Drive
- Improvements include addition of sidewalk and traffic signal upgrades
- Budget: \$1.2M
- Under Construction
 - Completion: November 2023



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FRANKLIN STREET (NORTH) EXTENSION

- Construction of Franklin Street from Bridge Street to North Street including a waterline, brick paver sidewalks, traffic signal, & permeable parking pavers
- Under construction
 - Completion: late 2023
- Budget: \$2.7M



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FRANKLIN STREET IMPROVEMENTS

- Reconstruction of the Franklin Street roadway from Waterford Drive to Sells Alley.
- Improvements also include new brick paver walkways and resurfacing of adjacent alleys
- Bidding in Summer 2023
- Completion planned for late 2023

- Budget: \$960,000



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RIVER FOREST STORM AND ROADWAY IMPROVEMENTS

- Construction of storm and roadway improvements
- Ditch cleaning & re-establishment
- Pavement repairs & resurfacing
- Bidding in May 2023
- Completion planned for late 2023

- Budget: \$1.6M



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EVERYTHING GROWS HERE.

- Construction of a roundabout at the intersection of Avery Road & Rings/Cara Roads.
- Improvements also include 2,000 feet of waterline, 800 feet of sanitary sewer, and improvements to Cara Court
- Bidding in 2023
- Completion planned for late 2024
- Budget: \$3M



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EVERYTHING GROWS HERE.



- 60% Design Complete
- Right-of-way acquisition – Spring 2023
- Construction – Spring 2024
- Completion – 2025



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BRIGHT ROAD LANDSCAPE CONCEPT



SAWMILL ROAD LANDSCAPE CONCEPT





EMERALD PARKWAY & MOUNT CARMEL ROUNDABOUT

- New roundabout on Emerald Parkway at the intersection of the Mount Carmel development
- Under design
- Construction planned for second half of 2023 into 2024.
- Budget: \$2.4M

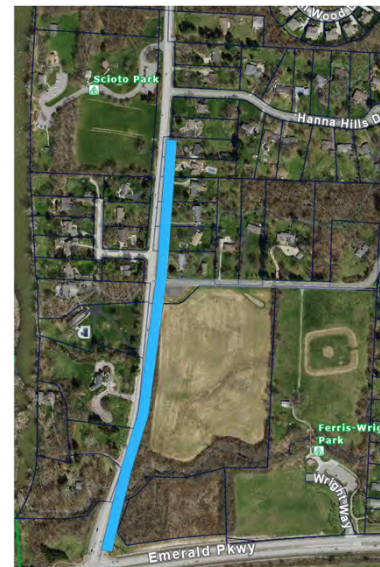


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RIVERSIDE DRIVE EAST SHARED-USE PATH SECTION 1

- Construction of 3,000 feet of Shared-Use Path from Emerald Parkway to North of Hanna Hills Drive
- Includes the Installation of 3,000 feet of 8 inch & 12 inch waterline
- Construction is on-going
 - Completion: Late 2023
- Budget: \$2.5M



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RIVERSIDE DRIVE WEST SHARED-USE PATH

- Construction of 800 feet of Shared-Use Path on the west side of Riverside Drive from Emerald Parkway to the Dublin Arts Council
- Includes the Installation of a 100 foot pedestrian bridge
- Bidding in Summer 2023
 - Construction in 2024
- Budget: \$650,000

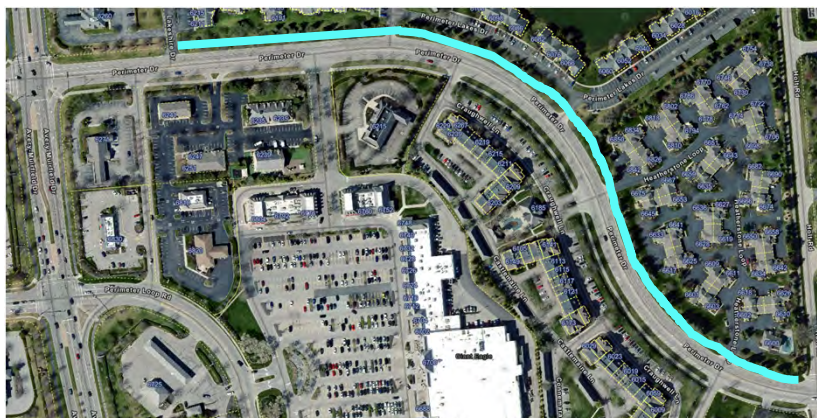


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PERIMETER DRIVE: AVERY-MUIRFIELD TO HOLT ROAD SIDEWALK

- Construction of a 5 foot wide sidewalk on the North side of Perimeter Drive between Avery-Muirfield Drive and Holt Road
- Final connection of sidewalk along Perimeter Drive corridor
- Bid: Summer 2023
- Complete: late 2023
- Budget: \$350,000



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OTHER PROJECTS

- Multiple pedestrian bridge maintenance projects
- Storm structure maintenance program
- Sanitary structure maintenance program



City of Dublin
ENGINEERING



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2024 PROJECTS AND BEYOND



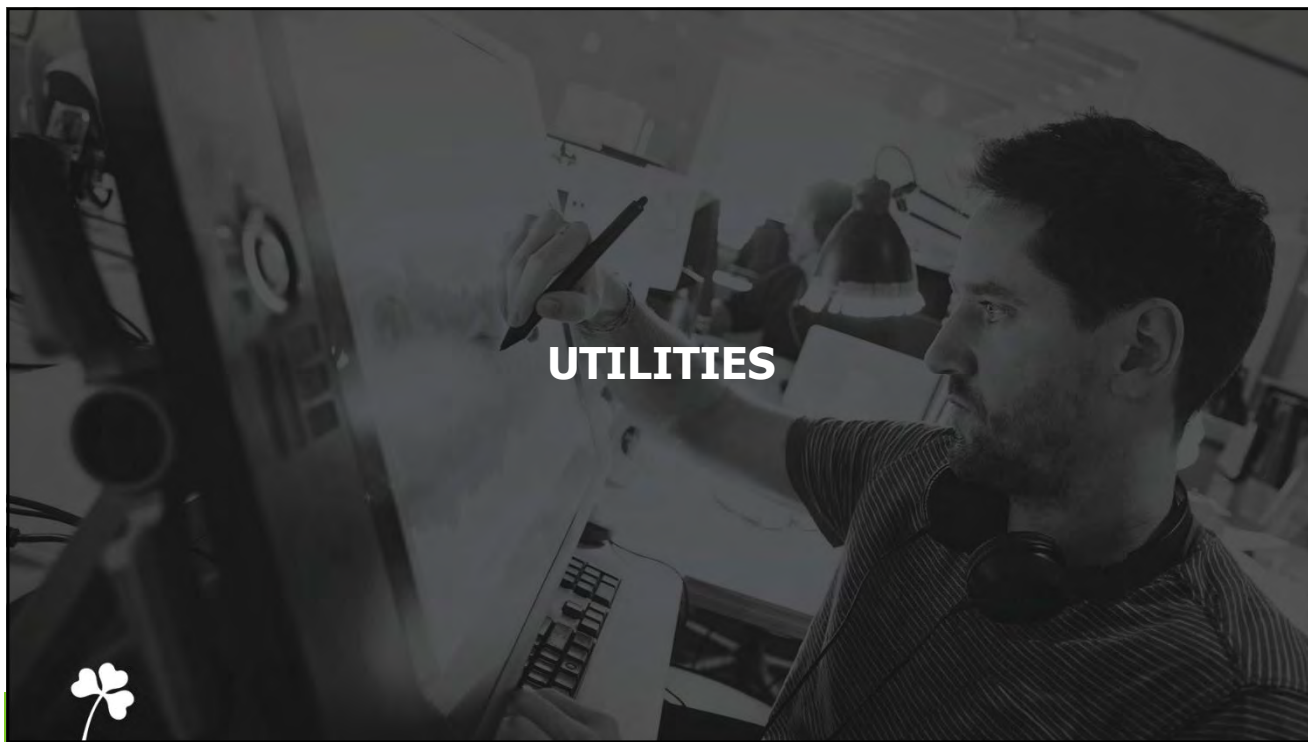


DEVELOPMENT PROJECTS

- Development projects for 2024 are not far enough along to discuss which ones will be moving forward or not.
 - Specific inquiries can be routed to Michael Hendershot.

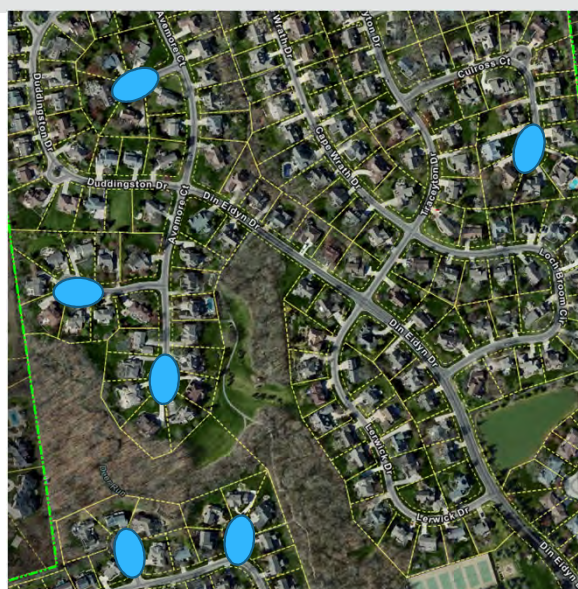


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WATERLINE REPLACEMENT – PHASE VII

- Waterlines will be replaced along:
 - Preswick Court
 - Haddington Court
 - Avemore Court
 - Liberton Court
 - Zetland Court
 - Culross Court
- Construction Sale in 2024
- Budget: \$630,000



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SOUTH HIGH STREET UTILITY BURIAL – PHASE 2

- Conversion of aerial utilities on South High Street from Bridge Street to Short Street to underground utilities
- Includes Blacksmith Lane
- Design underway
- Construction: first half 2024
- Budget: \$2.3M



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RIVERSIDE DRIVE UTILITY & SUP EXTENSIONS – AREA 3

- One large project constructed in 2-3 phases
- Areas may change based on results of preliminary engineering analysis
- **Phase 1 (2024)** – Construction of:
 - Sanitary Sewer along Riverside Drive from Hard Road to Wyandotte Woods Blvd. (Area 3A-Phase 1) and the entire Woodlands/Drexel Hills Terrace subdivisions (Tonti, Red Bay, May Apple, Tamarisk) (Area 3C)
 - Waterline extension along Riverside Drive from Tonti Drive to Wyandotte Woods Boulevard (Area 3A)
- **Phase 2 (2025)** – Construction of Sanitary Sewer along Riverside Drive from Wyandotte Woods Blvd. to Summit View Road (Area 3A-Phase 2 and 3B)



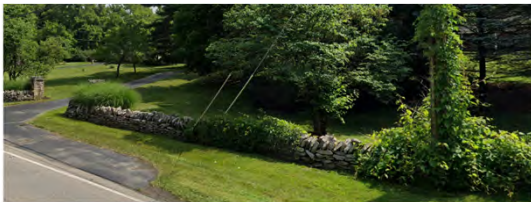
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RIVERSIDE DRIVE EAST UTILITY & SUP EXTENSIONS – AREA 3

Phase 3 (2025) – Shared-Use Path Extension

- Connect SUP network on east side of Riverside Drive (Area 3)
 - From Tonti Drive to Wyandotte Woods Boulevard
- Will coincide with Phase 2 if project budgeting and timing allows



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DEER RUN SAN. IMPROVEMENTS – GLICK RD RELIEF SEWER

- Construction of a relief sewer along Glick Road and Dublin Road starting at Carnoustie Drive and ending near Glenaire Drive
- Preliminary alignment is being determined
- Design on-going
- Construction planned for 2025
- Budget: \$5.4M



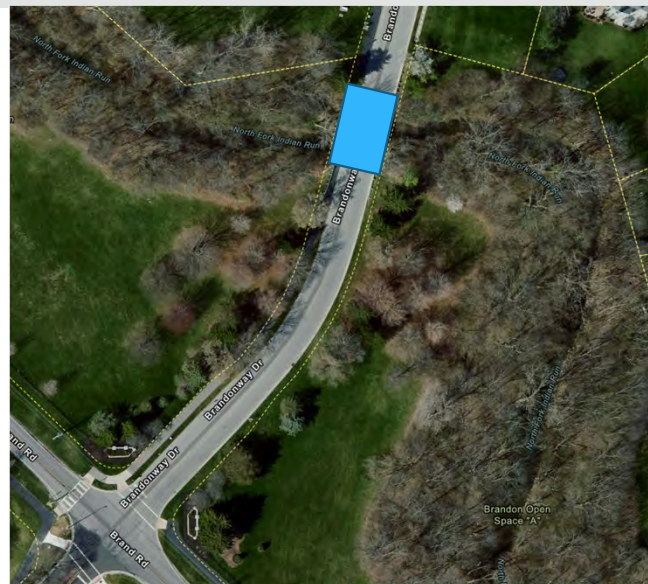
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VEHICULAR BRIDGE MAINTENANCE: BRANDONWAY DRIVE OVER NORTH FORK INDIAN RUN

- Replacement of one bridge north of Brand Road on Brandonway Drive
- Construction sale: Late 2023
- Anticipated completion: November 2024

- Budget: \$1M

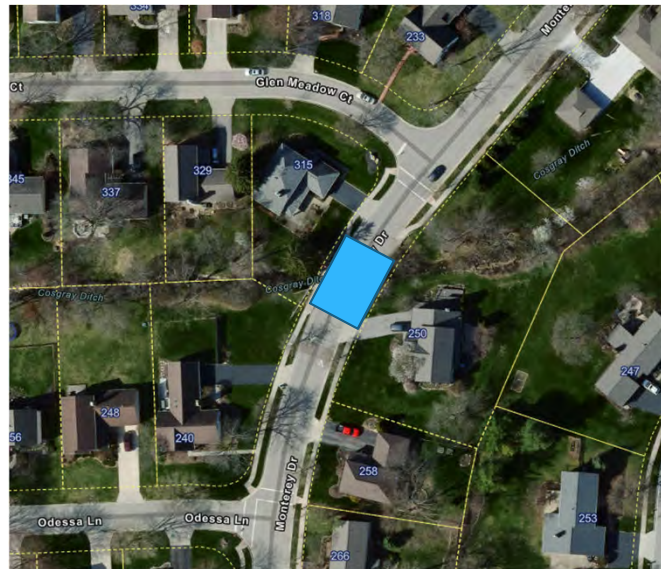


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VEHICULAR BRIDGE MAINTENANCE: MONTEREY DRIVE OVER COSGRAY DITCH

- Replacement of one bridge on Monterey Drive
- Construction sale: Early 2024
- Anticipated completion: November 2024
- Budget: \$500,000

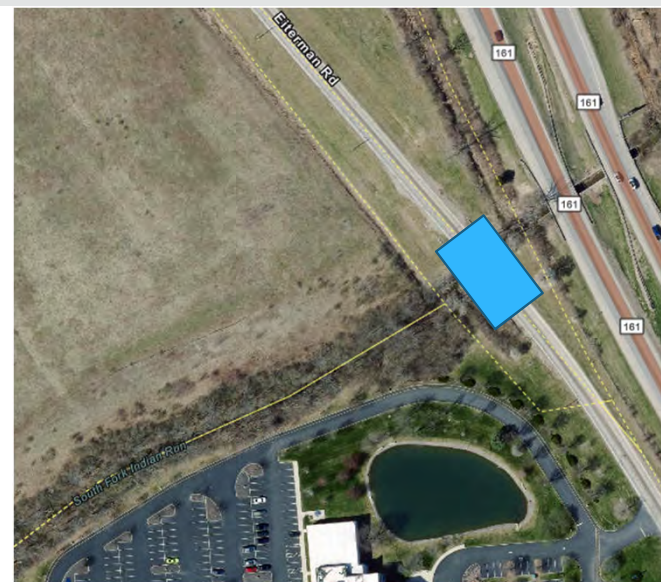


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EITERMAN ROAD CULVERT OVER SFIR – FCEO PROJECT

- Franklin County Engineer’s Office project in coordination with Dublin
- Replace culvert under Eiterman Road near Nestle due to structure condition
- Widen culvert for future road width/alignment
- FCEO Design complete
- FCEO Construction in 2024
- Budget: \$730,000



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MOBILITY INFRASTRUCTURE IMPROVEMENTS PROGRAM 2023

- Two locations:
- Hyland-Croy Road SUP north of Corazon Drive
 - Safety related path realignment
- 6400 block of Sawmill Road
 - Finish sidewalk connections on the east side of Sawmill Road
- Design underway
- Construction in 2024
- Budget: \$370,000

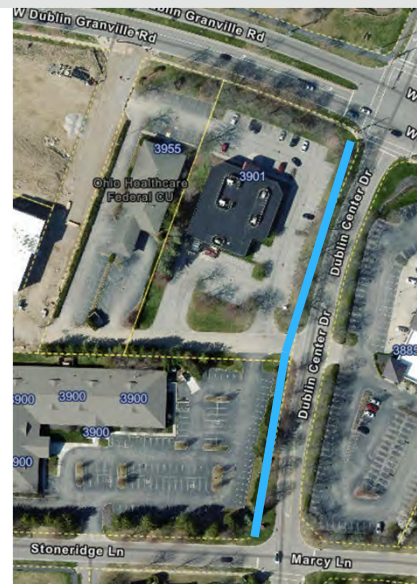


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DUBLIN CENTER DRIVE SHARED-USE PATH

- Construction of a shared-use path along the west side of Dublin Center Drive between W Dublin Granville Road and Stoneridge Lane
- Design in 2023
- Construction in 2024
- Budget: \$200,000



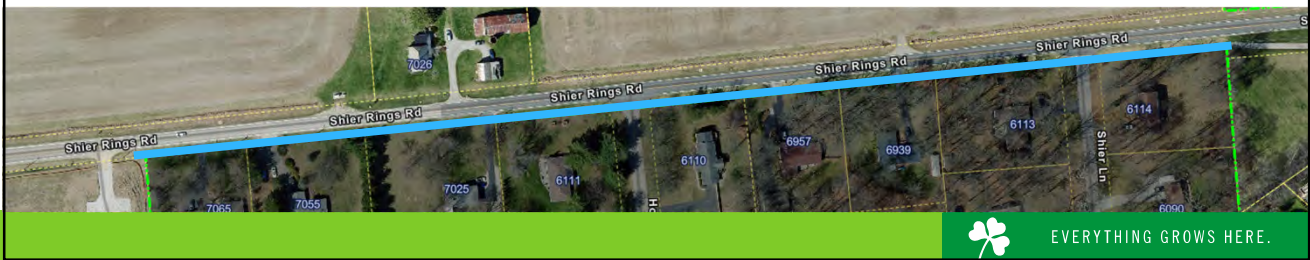
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SHIER RINGS RD SHARED-USE PATH – EITERMAN TO COSGRAY

- Construction of a shared-use path along the south side of Shier Rings Road between Eiterman Road to Cosgray Road
- Coordination with Washington Township
- Design in 2023, Acquisitions/utility relocations 2024
- Construction in 2025

- Budget: \$500,000



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HAWK'S NEST POND IMPROVEMENTS

- Hawk's Nest subdivision southeast corner of Brand Road and Muirfield Drive
- Pond retaining wall improvements
- Design in 2024
- Construction likely in 2025

- Budget: \$500,000



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RIVERSIDE & SUMMIT VIEW INTERSECTION IMPROVEMENTS

- Riverside Drive and Summit View Road Intersection improvements.
- Widen roadway, replace/upgrade traffic signal, construct shared-use path on Riverside Dr.
- Design in 2024/2025
- Construction likely in 2026
- Budget: \$2.2M



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I-270 CROSSING - EMERALD TO TULLER

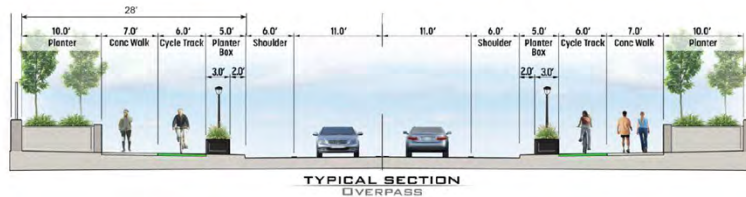
- Proposed I-270 crossing between Emerald Parkway and Tuller Road. Extend Village Parkway.
- Preliminary Design on-going
- Detailed Design 2025
- Construction not set (funding)
- Budget: estimate \$15-20M



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I-270 CROSSING - EMERALD TO TULLER



TYPICAL SECTION OVERPASS



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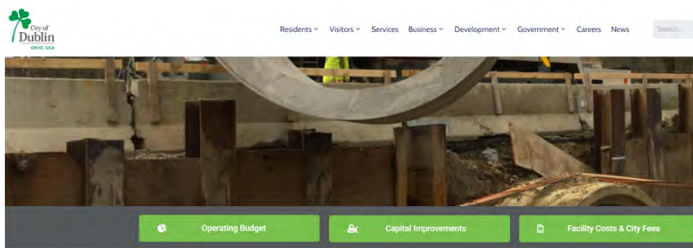
CAPITAL IMPROVEMENTS PROGRAM (CIP)



DUBLIN UTILITY PROVIDERS MEETING 2023

City of Dublin
Capital Improvements Program

Programs the next 5 years
Of Capital Improvements



Capital Improvements Program

2023 - 2027 CIP

Dublin City Council has adopted the 2023-2027 Five-Year Capital Improvements Program (CIP), which allocates \$225 million dollars for new and existing infrastructure in the city. It was developed to advance the City's Strategic Framework supporting the Sustainability of our City's finances and environment as well as funding projects that will connect our residents through infrastructure and mobility projects. Finally, it was also designed to

[View the 2023 - 2027 CIP](#)

About the CIP

The CIP is a five-year outlook for anticipated capital projects and is reviewed and updated annually by the City. These projects are primarily related to improvements in transportation, parks, utilities and facilities. The CIP

Go to Dublin website for more information:

<https://dublinohiousa.gov/capital-improvements-program/>



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DUBLIN UTILITY PROVIDERS MEETING 2023

Contact Information

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UTILITY PROVIDERS MEETING 2023

Questions?

What we need from you:

- Utility planned/forecast work
- Planned improvements
- Any major staff changes



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