

LEGISLATIVE SUMMARY
MAYOR'S OFFICE OF CAPITAL PROJECTS
Division of Engineering and Construction

Payne Avenue (East 13th St to East 30th St)

Ordinance No. 496-2022

Purpose: This Department requests legislation to authorize the Director of the Mayor's Office of Capital Projects: to apply and accept Issue 1 grant assistance; to enter into one or more contracts in making of the public improvement; to enter into one or more Professional Service contracts; to enter into agreements with private utilities and to accept funds; to enter into agreements and to accept funds from NEORS and GCRTA, to authorize the Division of Purchasing and Supplies to acquire, accept, and record all land necessary in making of the public improvement, including but not limited to gift, fee simple acquisitions, temporary easements, permanent easements, and work agreements; to add any and all funds as authorized by Director of Finance.

Description: Payne Avenue from East 13th Street to East 30th Street will be rehabilitated approximately 0.85 miles. The improvements include asphalt milling and resurfacing and pavement base repair. Existing sidewalks and curb ramps will be evaluated for compliance with ADA minimum standards, and all deficiencies in design and condition will be corrected. Curbs, sidewalks and drive aprons will be replaced where deficient. Existing catch basins will be adjusted, reconstructed or replaced. The existing distribution waterlines will be replaced. Traffic signing and pavement markings will be upgraded with bike lanes/sharrows and designated parking lane. Traffic signals and pedestrian signals will have safety upgrades. Some Streetscape elements will be installed in accordance with neighborhood planning studies and Planning public coordination that has occurred.

**Design
Cost Estimate:** \$600,000

Constr. Estimate: \$5,957,860

Funding Source (s): Ohio Public Works Commission, Issue 1 Funds (pending), Road and Bridge Bonds and Utility Funds, Future Bonds

Project Schedule: Design: August 2022
Advertising/Bid Award: November 2023
Construction: February 2024 to September 2025

Wards: 3, Councilmember McCormack
5, Councilmember Starr
7, Councilmember Howse



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Payne Avenue Improvements From East 13th Street to East 30th Street



Project Description:

- Payne Avenue is a Large Industrial Street per the Cleveland Complete and Green Streets Typologies Plan.
- Functional class is Major Collector, with an ADT of 6,119 vehicles per day, with less than 2% trucks.
- The roadway width is 55 feet from curb-to-curb within an 80-ft right of way. The project length, from East 13th Street to East 30th Street is 4,550 feet (0.85 miles).
- The road carries two lanes of traffic in each direction with left turn lanes at traffic signals.
- There are existing metered on-street parking lanes on both sides of the street.
- The project runs along the Payne Avenue corridor, from East 13th Street to East 30th Street.
- The existing asphalt surface will be removed, the underlying pavement base will be repaired, and new asphalt will be placed in two courses.
- Safety improvements will include new lane use as follows:
 - One lane of traffic in each direction, with left-turn lanes at intersections as needed.
 - ADA-compliant sidewalks and curb ramps.
 - Bike lanes which will include separated sections as appropriate.
 - Painted curb extensions at key intersections.
- The existing 8" water lines will be replaced with new 12" water main, with new connections and appurtenances.



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Payne Avenue Improvements

From East 13th Street to East 30th Street



Complete and Green Streets Design Elements:

Design for Pedestrians

- Curb ramps will be checked for compliance with Americans with Disabilities Act (ADA) and new compliant curb ramps will be installed where needed.
- Failed and deficient curbs, sidewalks and drive aprons will be repaired or replaced to ensure a clear, continuous, and safe pedestrian walkway.

Design for Bicyclists

- Bike lanes will be included with the new traffic control plan. Separation between the bike and vehicle lanes will be provided where feasible, using painted buffer markings. Bike lane symbols on the pavement will be highlighted with a green painted background. Corresponding multi-modal signage will be added to the corridor.

Design for Transit

- Bus stop locations and shelters for the #9 bus route will be coordinated with RTA.
- Bus stops will provide multi-modal connections for pedestrians, bicyclists, and other mobility devices as recommended by the RTA.

Intersection Improvements

- High-visibility enhanced crosswalks will be installed at key pedestrian crossings.
- Countdown pedestrian signal heads will be added where lacking.

Green Infrastructure for the Right of Way

- Streetscape improvements will include planting new street trees in the right of way where feasible.
- Urban Forestry will assess the condition of existing trees for trimming and/or removal.

Envision Rating for Complete, Green, and Sustainable Design:

- The Envision Rating for this project is **Silver** which meets project goals.

Stakeholder Involvement:

- The first public meeting will be held when the preliminary design plans are available.
- Coordination meetings with Planning and Traffic Engineering will be held to review comments gathered during public involvement events.
- Feedback from the public meeting will be incorporated into the design as appropriate.
- A second public meeting will be held after the project has been bid and awarded with participation of the Contractor.

Maintenance of Traffic During Construction:

- The project will be constructed in two (2) phases and is expected to last one (1) construction season.
- Phase 1 will consist of all work on the north side of the road while traffic is maintained on the existing pavement on the south side of the road. This phase will include the water main installation from East 13th Street to East 30th Street.
- Phase 2 will consist of all work on the south side of the road while traffic is maintained on the new pavement on the north side of the road.
- Access to residences and businesses will be maintained throughout construction.

Funding:

- Design Cost Estimate \$ 600,000
- Construction Cost Estimate \$ 5,957,860
- Funding Sources: City Road & Bridge Bonds, public utility funds, and Ohio Public Works



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Payne Avenue Improvements From East 13th Street to East 30th Street



Timeline:

- Estimated Start Design: August 2022
- Advertise/Bid/Award: November 2023
- Estimated Begin Construction: February 2024

Wards:

- Ward 3 – Councilmember Kerry McCormack
Approximately 10% of project length
- Ward 5 – Councilmember Richard A. Starr
Approximately 30% of project length
- Ward 7 – Councilmember Stephanie D. Howse
Approximately 60% of project length



Justin M. Bibb, Mayor

Location Map

Payne Avenue Rehabilitation: East 13th Street to East 30th Street

