

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

East 140th St. Rehabilitation (Saint Clair to Lakeshore)

Ordinance No. 335-2021

Purpose: This Department requests legislation to apply and accept Issue 1 funds and to authorize the Director of the Mayor's Office of Capital Projects: to enter into one or more Professional Service contracts; to enter into agreements with private utilities and to accept funds; to apply for and accept federal funds; to apply for and accept grants or gifts from any public or private entity; to grant consent to ODOT and cause payment for local share estimated at \$1,500,383; to enter into a local public agency agreement with ODOT; 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: East 140th Street from Saint Clair Avenue to Lakeshore Boulevard will be rehabilitated, approximately 1.4 miles. The improvements include asphalt resurfacing, pavement narrowing from 40-feet to 36-feet between Coit and Aspinwall, pavement narrowing from 40-feet and 56-feet to 36-feet from Deise to North Waterloo, new and/or replacement curb, sidewalk, and driveway aprons, adjusting or reconstructing existing catch basins, installing ADA compliant ramps at all non-compliant locations, new waterlines, abandoning and reconnecting waterlines, traffic signal improvements, and new pavement marking and signing plan including bike lanes and/or sharrows. Construction will be administered by the Ohio Department of Transportation (ODOT).

Design
Cost Estimate: \$650,000

Cost Estimate: \$7, 261,810

Funding Sources: Federal Transportation Alternatives, Ohio Public Works Commission, Issue 1 (pending), Road and Bridge Bonds and Utility Funds

Project Schedule: Design: August 2021
Advertising/Bid Award: November 2022
Construction: March 2023 to September 2024

Wards: Ward 8 – Councilmember Michael Polensek
Ward 10 – Councilmember Anthony Hairston



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Mayor Frank G. Jackson

East 140th Street Rehabilitation: Saint Clair Avenue to Lakeshore Boulevard

LOCATION MAP



Mayor's Office of Capital Projects
Division of Engineering and Construction



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East 140th Street Rehabilitation: St. Clair Avenue to Lakeshore Boulevard



Project Description:

- East 140th Street from Saint Clair Avenue to Lakeshore Boulevard is a Medium Commercial Street per the Cleveland Complete and Green Streets Typologies Plan.
- The project length is 7,300' (1.4 mile).
- The pavement width is 40', with a wider 56' section at the I-90 ramps. The right-of-way width is mostly 60', though there are short sections with 65' and 70' widths.
 - From Coit to North Waterloo, the pavement will be narrowed to 36' and reconfigured from four travel lanes to two travel lanes with bike lanes on both sides.
 - From North Waterloo to Lakeshore, a northbound bike lane will be provided, and the south bound travel lane will have sharrows and an adjoining parking lane.
- The existing asphalt surface will be removed, the underlying pavement base will be repaired, and new asphalt will be placed in two courses.
- Sections of water line will be replaced, and all lead service lines will be replaced.
- Catch basins will be replaced or reconstructed.
- Traffic signals will be updated or removed if not warranted.

Complete and Green Streets Design Elements:

- The project is consistent with the transformation strategies outlined in the **East 140th Street Corridor Plan** (February 2013). Several identified "investment initiatives" will be included in the work: new street trees, utility pole consolidation, driveway removal, crosswalk enhancements, neighborhood gateways, and bus stop improvements.



East 140th Street Rehabilitation: St. Clair Avenue to Lakeshore Boulevard



Design for Pedestrians

- New curb, sidewalks and drive aprons will be provided to support a clear, continuous, and safe pedestrian walkway.
- Pedestrian walkways will have new curb ramps that comply with the Americans with Disabilities Act (ADA)

Design for Bicyclists

- Bike lanes will be provided in both directions from Coit to North Waterloo, and northbound from North Waterloo to Lakeshore (total = 2.3 miles of new bike lanes)
- Sharrows will be added southbound from North Waterloo to Lakeshore (total = 0.25 miles of new sharrows).
- This supports the Mayor's Bikeway Masterplan and provides a key north-south link.

Design for Transit

- East 140th Street is served by RTA Bus Route #30.
- Bus stop locations and shelters will be coordinated with RTA.
- Bus stops and routes will provide multi-modal connections for pedestrians, bicyclists, and other mobility devices as recommended by RTA.

Traffic Calming

- The narrower pavement and elimination of travel lanes will promote lower travel speeds, improve traffic flow, and decrease vehicle-on-vehicle collision rates.

Intersection Improvements

- High-visibility enhanced crosswalks will be installed at key pedestrian crossings.
- Countdown pedestrian signal heads will be added where lacking.
- Existing unwarranted span wire traffic signals will be removed.

Green Infrastructure for the Right of Way

- Paved tree lawns will be replaced with pervious surfaces, and new street trees will be planted.

Envision Rating for Complete, Green, and Sustainable Design:

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

Stakeholder Involvement:

- A public meeting will be held when the preliminary design plans are available. Feedback from the public meeting will be incorporated in the plans as appropriate.
- A follow-up public meeting will be held after the project has been bid and awarded but prior to construction, with participation of the Contractor.

Maintenance of Traffic During Construction:

- Part width construction will be used, maintaining one northbound lane and detouring southbound traffic along Lakeshore/E 152nd and Aspinwall.
- The project will be constructed in two (2) sections: from St. Clair to Aspinwall, and from Aspinwall to Lakeshore.
- Work is expected to be completed over two (2) construction seasons.
- Access to residences and businesses will be maintained throughout construction.



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East 140th Street Rehabilitation: St. Clair Avenue to Lakeshore Boulevard



Funding:

- Design Cost Estimate: \$650,000
- Construction Cost Estimate: \$7,261,810
- Funding Sources: Federal Transportation Alternatives
Ohio Public Works, Issue 1, (Pending)
City Road & Bridge Bonds and Utility Funds

Timeline:

- Estimated Start Design: August 2021
- Estimated Start Construction: March 2023
- Estimated End Construction: September 2024

Wards:

- Ward 8 – Councilmember Michael D. Polensek
- Approximately 69% of project length:
East 140th, St. Clair to Topeka, west side
East 140th, Aspinwall to Lakeshore, both sides
- Ward 10 – Councilmember Anthony Hairston
- Approximately 31% of project length:
East 140th, St. Clair to Topeka, east side
East 140th, Topeka to Aspinwall, both sides