

TROY
OHIO



Engineering
Building Partnerships



Downtown Safety & Streetscape

City Council Meeting

March 10, 2025 | 6 PM



MKSK





Project Team



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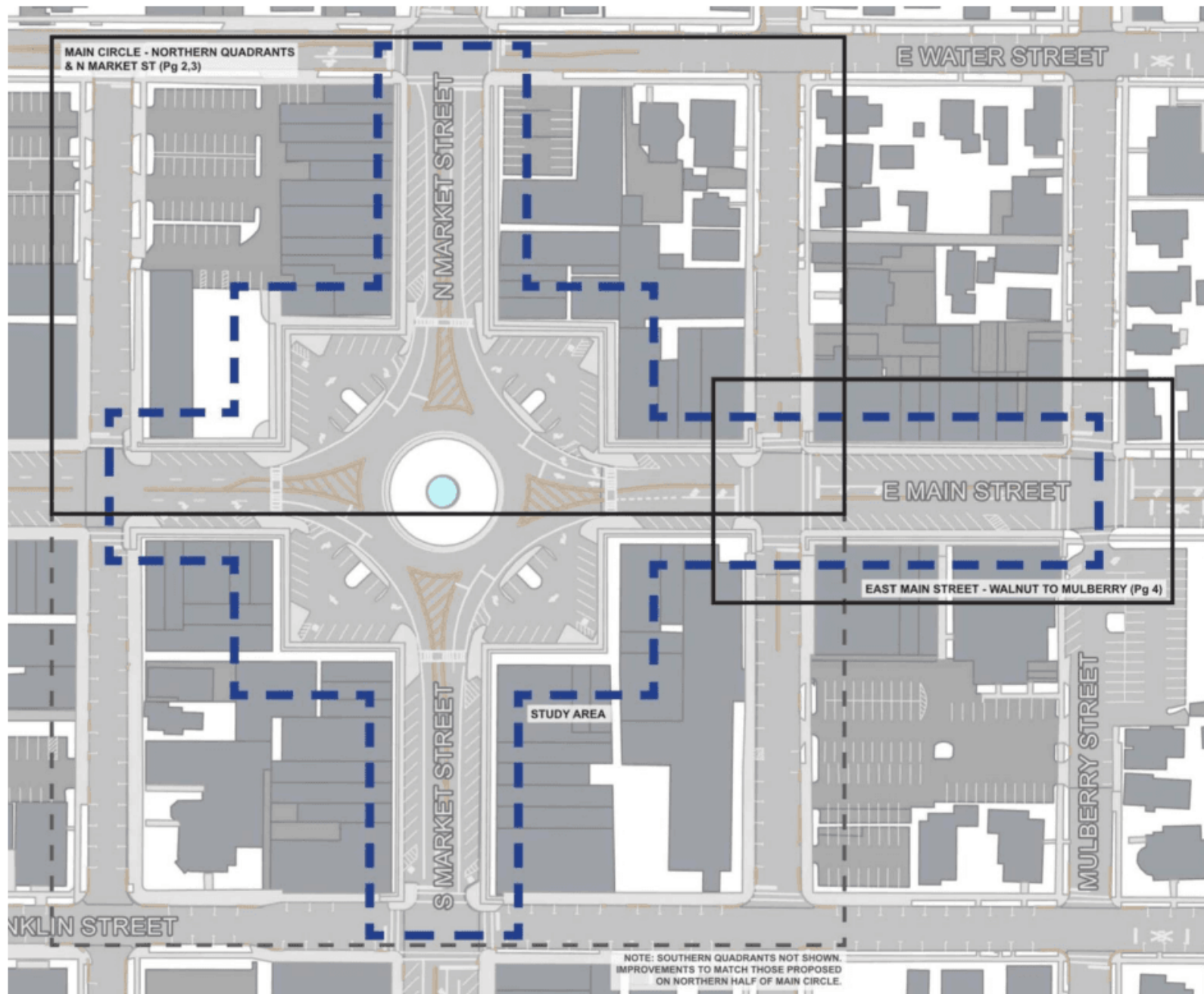
Nathan Fischer,
P.E.





Scope

- Reconstruction of failing curbs, sidewalks, and utility infrastructure
- Continuation of the West Main Street project





Primary Goals



Improve pedestrian safety and vibrancy of downtown



Replace aging infrastructure



Engage local stakeholders to enhance the City's vision for these improvements



Existing Conditions





Existing Conditions





Existing Conditions





Traffic Operations & Safety Analysis

- Turning movements and the circulating roadway
- Existing delay
 - Capacity analysis of various alternatives
- Pedestrian safety challenges
 - Proximity of crosswalks to the circulating roadway
 - Length of crosswalks
 - Make temporary improvements more permanent





Proposed Improvements: Center of the Square

- Convert traffic circle to a modern roundabout
 - Reduce outer diameter of circulating roadway by introducing a truck apron to the design
 - Design the pavement for smaller vehicles while accommodating larger trucks and farm machinery
- Refresh and enhance landscaping, maintain the flagpole and fountain
- Improve pedestrian safety with raised islands at crosswalks, reduced crossing lengths, and separation of conflict points



Proposed Improvements: Center of the Square



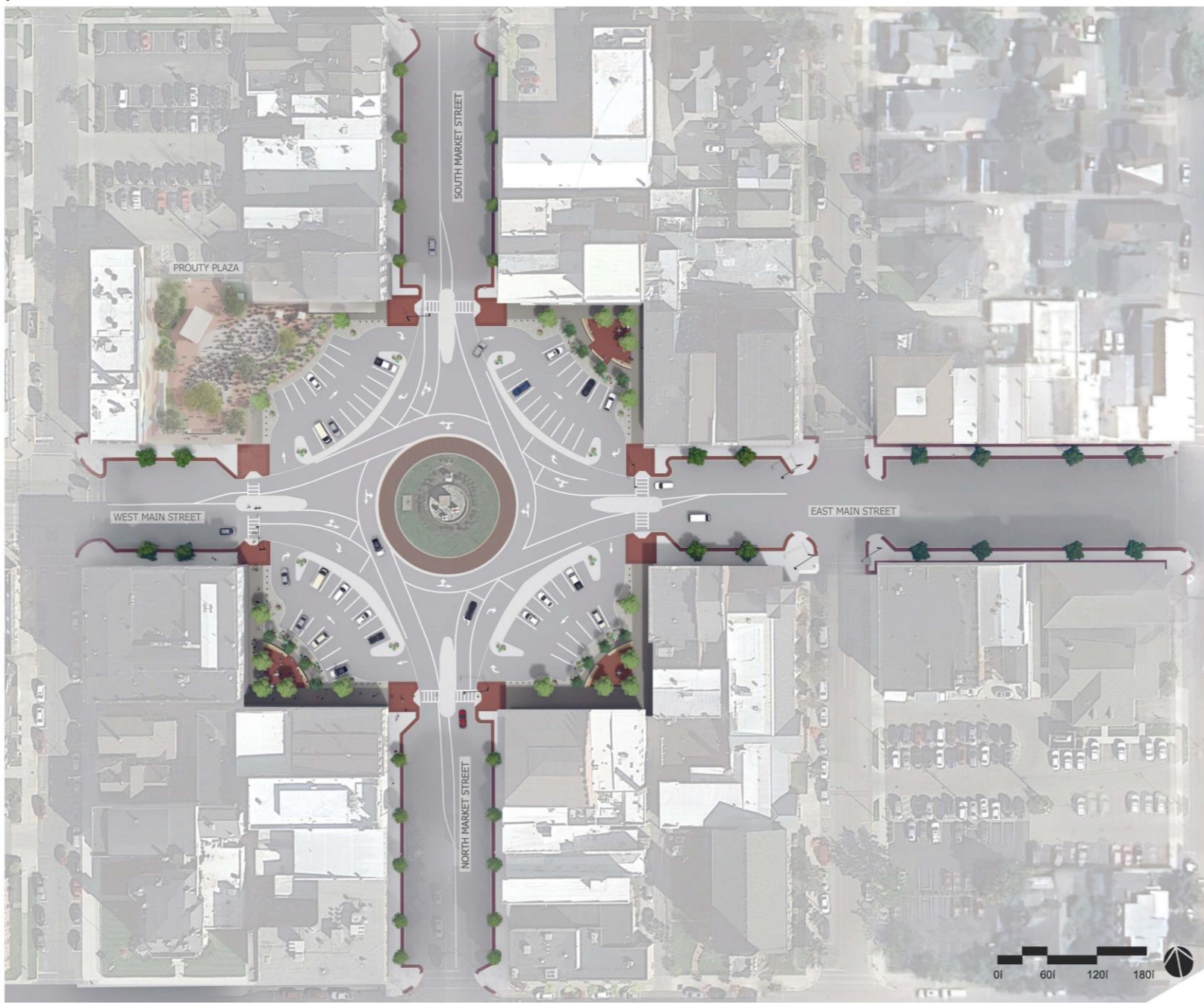
Public Involvement Enhanced Design

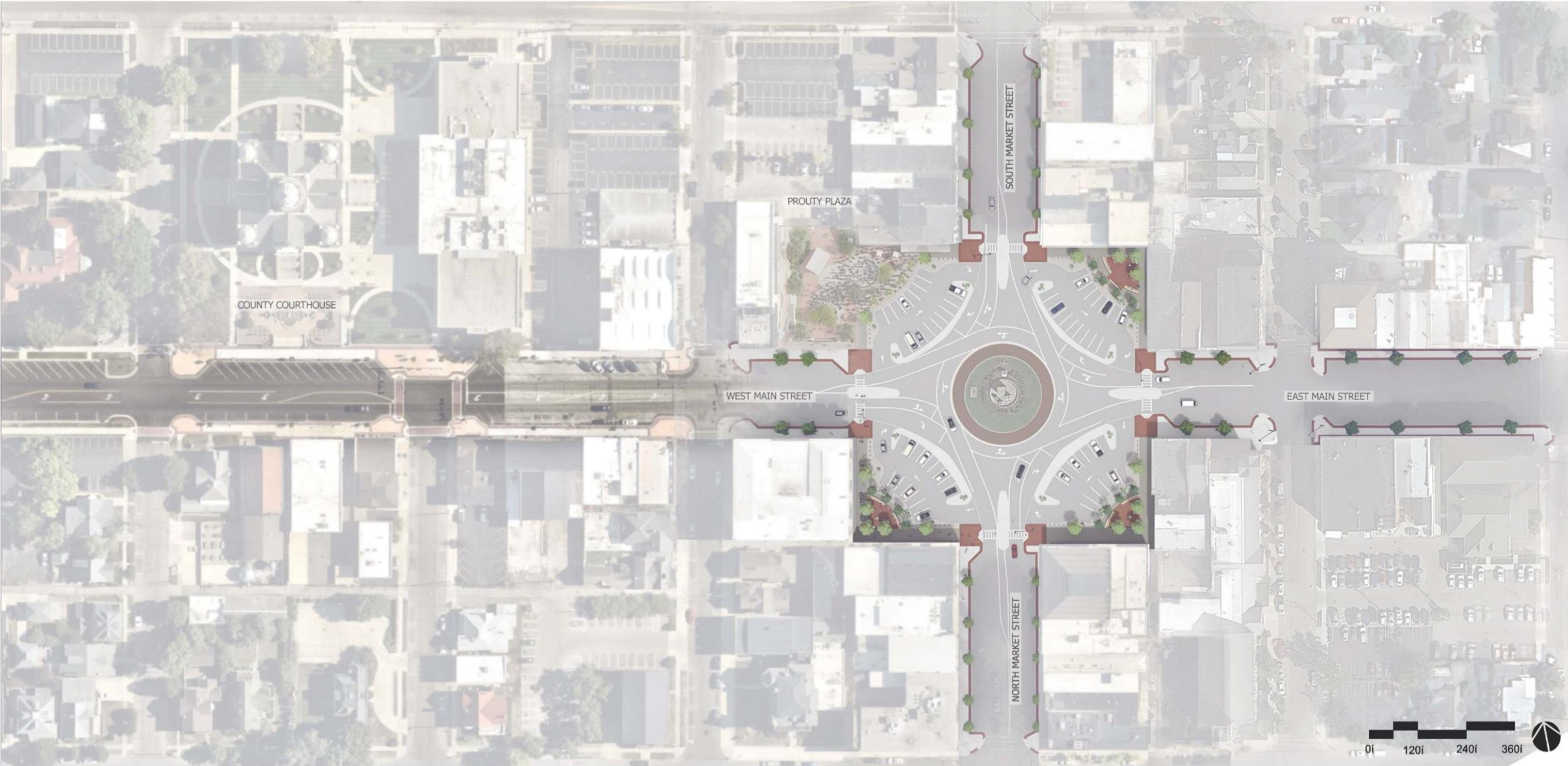
- Maintains consistent and similar vehicular patterns with single lane roundabout
- Improves pedestrian safety with single-lane crosswalks
 - Revised West Main approach to be a single lane crosswalk.
- Improves business access & public use spaces by increasing outdoor gathering spaces in desirable areas



Proposed Quadrant Improvements:

- Loss of 3 on-street spaces in the downtown area
 - 280 existing, 277 in the proposed condition
 - Includes accessible spaces in each quadrant
 - Increase spaces with angled parking on West Main
 - Removal of Compact Car restrictions near intersection
- Parking layout increases emphasis on gathering space, while accommodating vehicle movements
- Area available for pedestrian and public space increases
 - Improved sidewalks, enhanced outdoor dining, and additional opportunities for gathering spaces, landscaping, and public amenities





Proposed Improvements: Context Plan





Proposed Improvements: Daily Use in the Northeast Quadrant



NW Quadrant and Prouty Plaza

- Unique interactions with the plaza
- Coordination with plan presented by POD Design on February 24



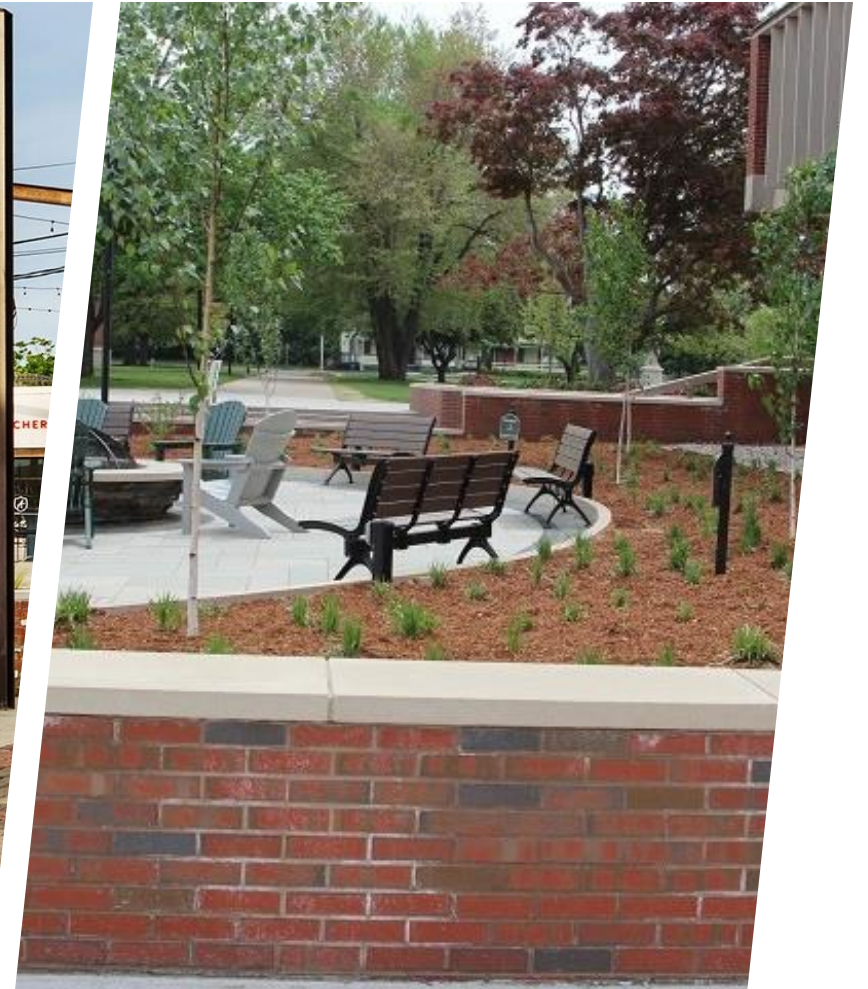


Outdoor Dining





Seat Walls





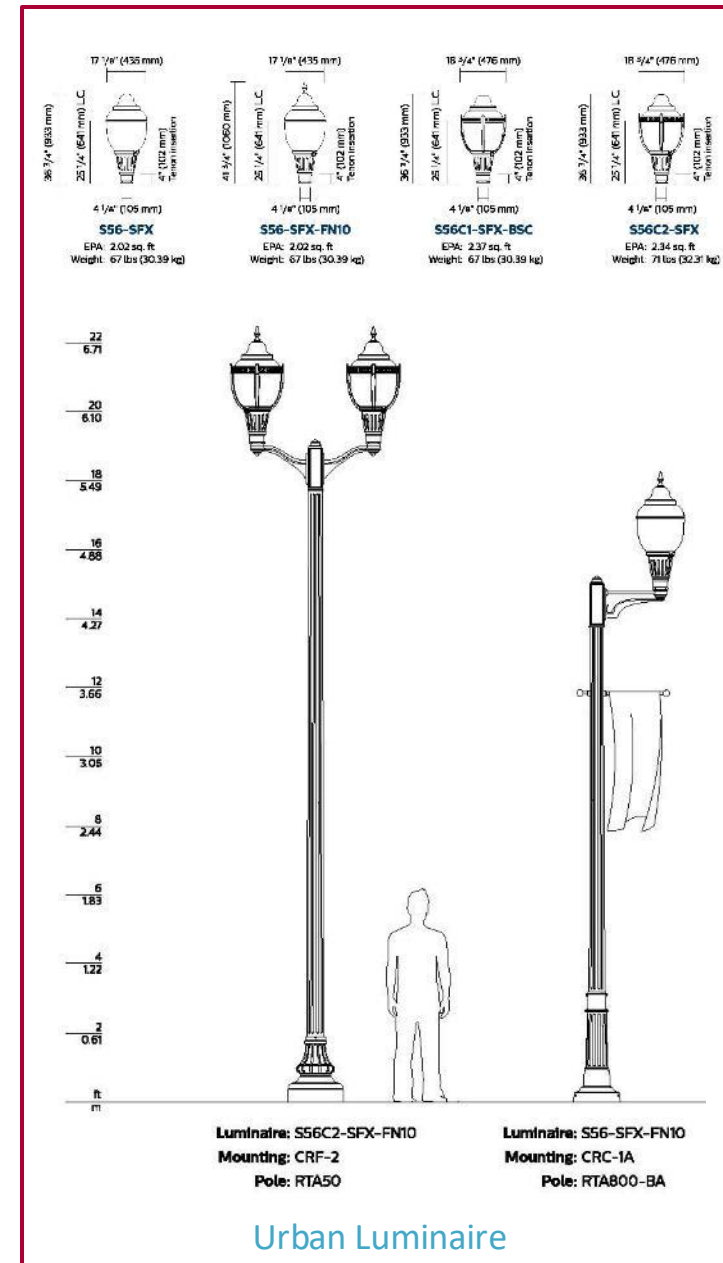
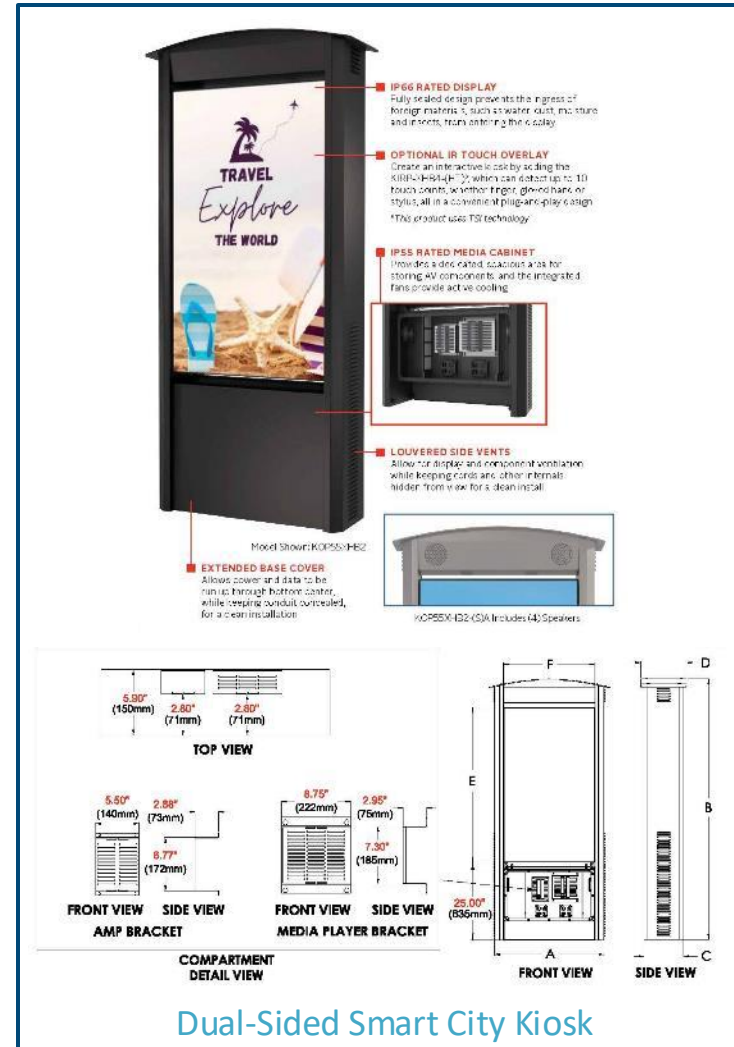
Programmable Space





Utility Upgrades, Lighting, & Kiosks

- Underground utility upgrades
 - Water
 - Stormwater
- Electrical
 - Kiosks
 - Lighting
 - Accommodation for festivals





Event Accommodations

- Bollards allow for road closures and crowd protection
- On site storage for some

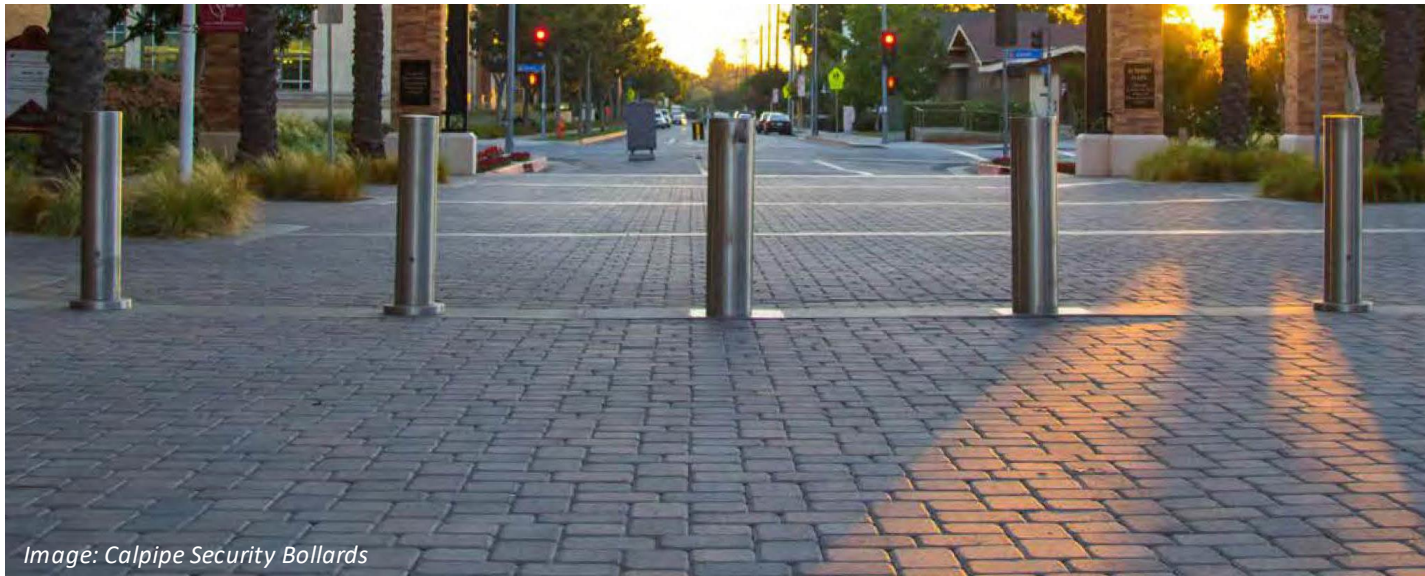


Image: Calpipe Security Bollards





Schedule

Council Bid Authorization

- August 2025

Utility Construction End

- May 2026

Streetscape Construction End

- Fall 2027

Utility Construction Start

- October 2025

Streetscape Construction Start

- Fall 2026





Construction Scheduling

- Underground utility work to be completed: 10/25 – 5/26
- No work during the late spring and early summer 2026
- Roadway and sidewalk construction in late 2026 and 2027 construction seasons
- Phased construction of the improvements to limit work to 2 quadrants of the square at a time (subject to contractor input)



Assessments

- Property owners will be assessed only for new, plain concrete sidewalk work and items in the work limits needed for the business or property (access doors, vents, etc.)
- City coordinating voluntary fire service lines with project
- Remaining items and upgrades included in the project will not be assessed





Project Summary & Goals

Downtown
Streetscape
& Safety

- Improve pedestrian safety
- Maintain safe and efficient traffic operations
- Replace underground utilities
- Limit changes in parking



Costs



**Streetscape &
Landscaping**

\$3,800,000



Utilities
(Storm Sewer & Water)

\$2,300,000



Electric & Lighting

\$700,000



**Safety Improvements &
Paving**

\$3,000,000

Total Cost: \$9,800,000

Thank you!





Questions or comments?

Let us know!

CITY OF TROY

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