

TROY
OHIO



Engineering
Building Partnerships



Downtown Safety & Streetscape Stakeholder Meeting

April 17, 2024 | 6-7:30 pm



MKSK





Project Team



Stan Kegley



Jillian Rhoades,
P.E.



Christy Butera,
P.E.



Jeremy Drake



Patrick
Titterton

Consultant Team



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P.E. ENV SP



Dan Hoying,
P.E., P.S. STP



Kevin Dicke,
ASLA, PLA



Chad Schroer,
PE



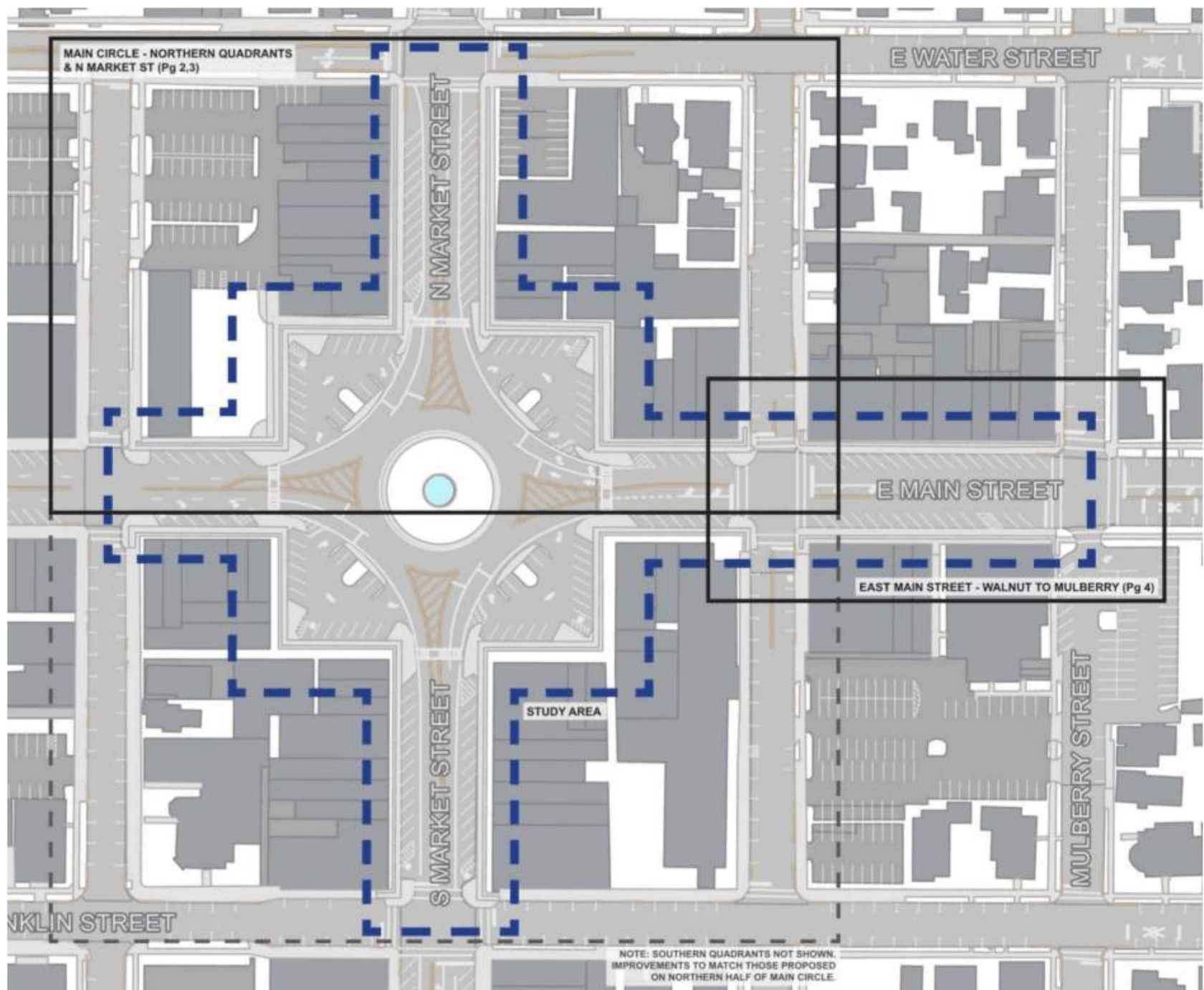
Nathan Fischer,
P.E.





Scope

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





Primary Goals



- Improve pedestrian safety and vibrancy of downtown



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



Existing Conditions





Opportunity to Do More!

- Improved business access & public use spaces
- Increase outdoor gathering spaces in desirable areas
- If we can still....
 - Maintain safe and efficient traffic operations
 - Improve pedestrian safety
 - Maintain parking locations and counts
 - Meet budget



Traffic Operations & Safety Analysis

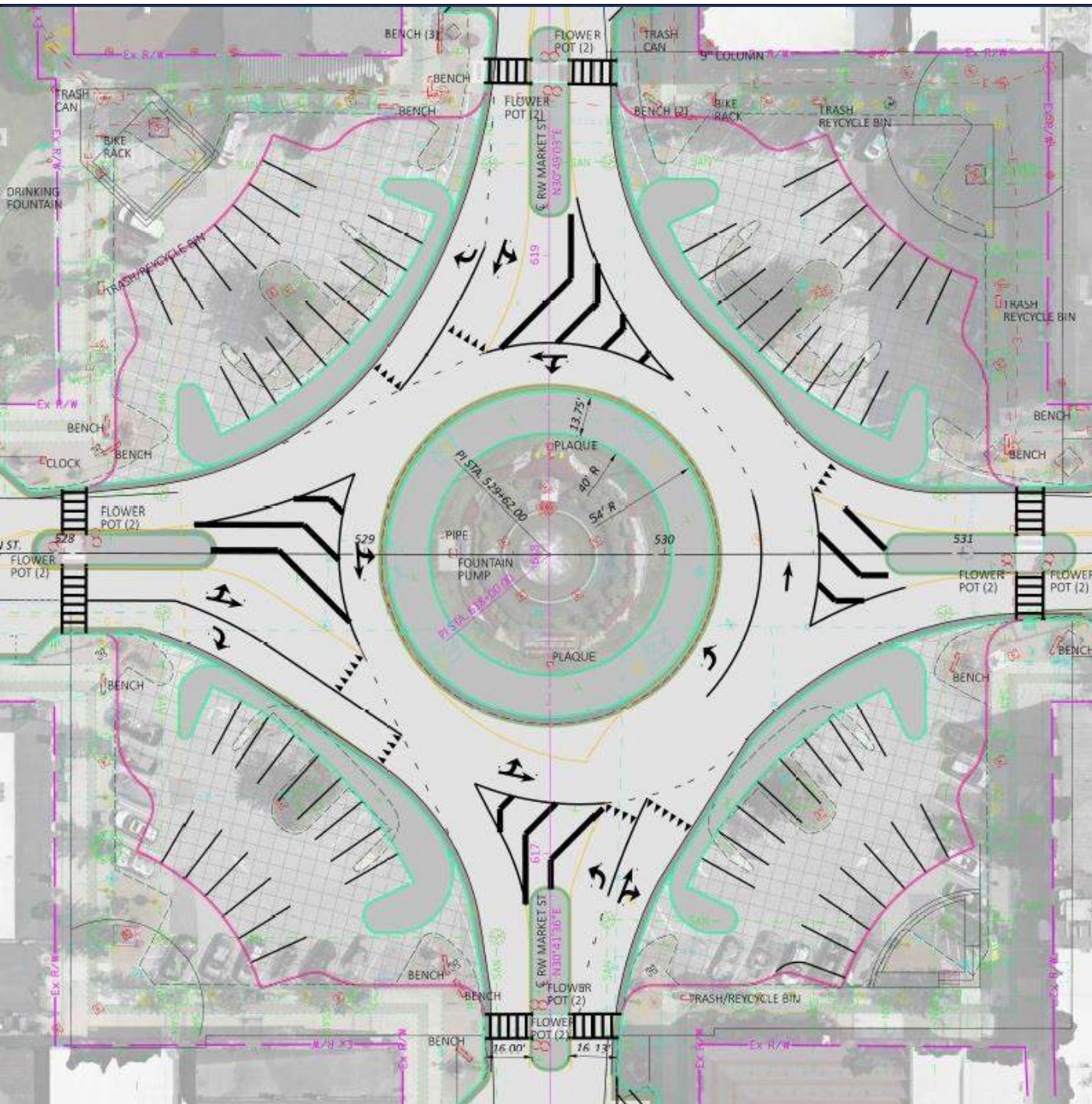
- Turning movements and the circulating roadway
- Existing delay
 - Capacity analysis of various alternatives
- Pedestrian safety challenges
 - Proximity of crosswalks to the circulating roadway
 - Planters providing refuge islands





Proposed Improvements: Center of the Square

- Convert traffic circle to a modern roundabout
 - Reduce outer diameter of circulating roadway by utilizing the brick band and portion of the grass band in the island as a truck apron
- Add a second lane to the east side of the roundabout
 - Decrease delay (existing configuration has 44 seconds of delay for northbound traffic. This is being reduced to 20 seconds in the proposed configuration)
- Maintain existing landscaping, flagpole and fountain
- Improve pedestrian safety with raised islands at crosswalks and separation of conflict points



- Traffic circle → modern Hybrid 2x1 roundabout
- Maintain existing landscaping, flagpole and fountain
- Improve pedestrian safety



Proposed Improvements: Quadrant Configurations

- Maintenance of existing parking with safety improvements
- Parking layout increases emphasis on gathering space while accommodating vehicle movements
- Area available for pedestrian and public space will increase from the existing 24,000 square feet to 28,000 square feet in the proposed configuration
- Improved sidewalks, enhanced outdoor dining, and additional opportunities for gathering spaces, landscaping, and public amenities



Quadrant Configuration Options



QUADRANT OPTION A



QUADRANT OPTION B



QUADRANT OPTION C



QUADRANT OPTION D

- Similar but unique
- Flexible to accommodate current and future uses
- Reduce maintenance requirements



NW Quadrant and Prouty Plaza

- Unique interactions with the plaza
- Alternative configurations and permanent stage to be evaluated





Outdoor Dining Café



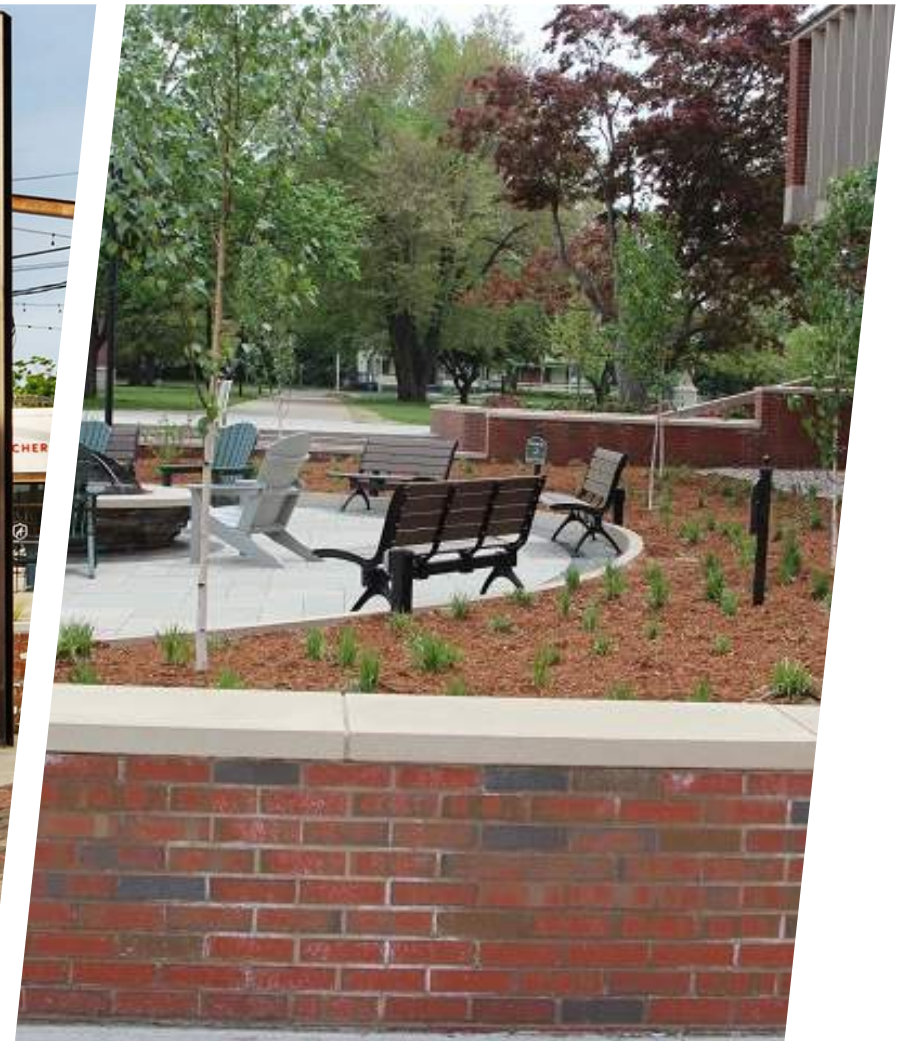


Elevated Event Platform





Seat Walls





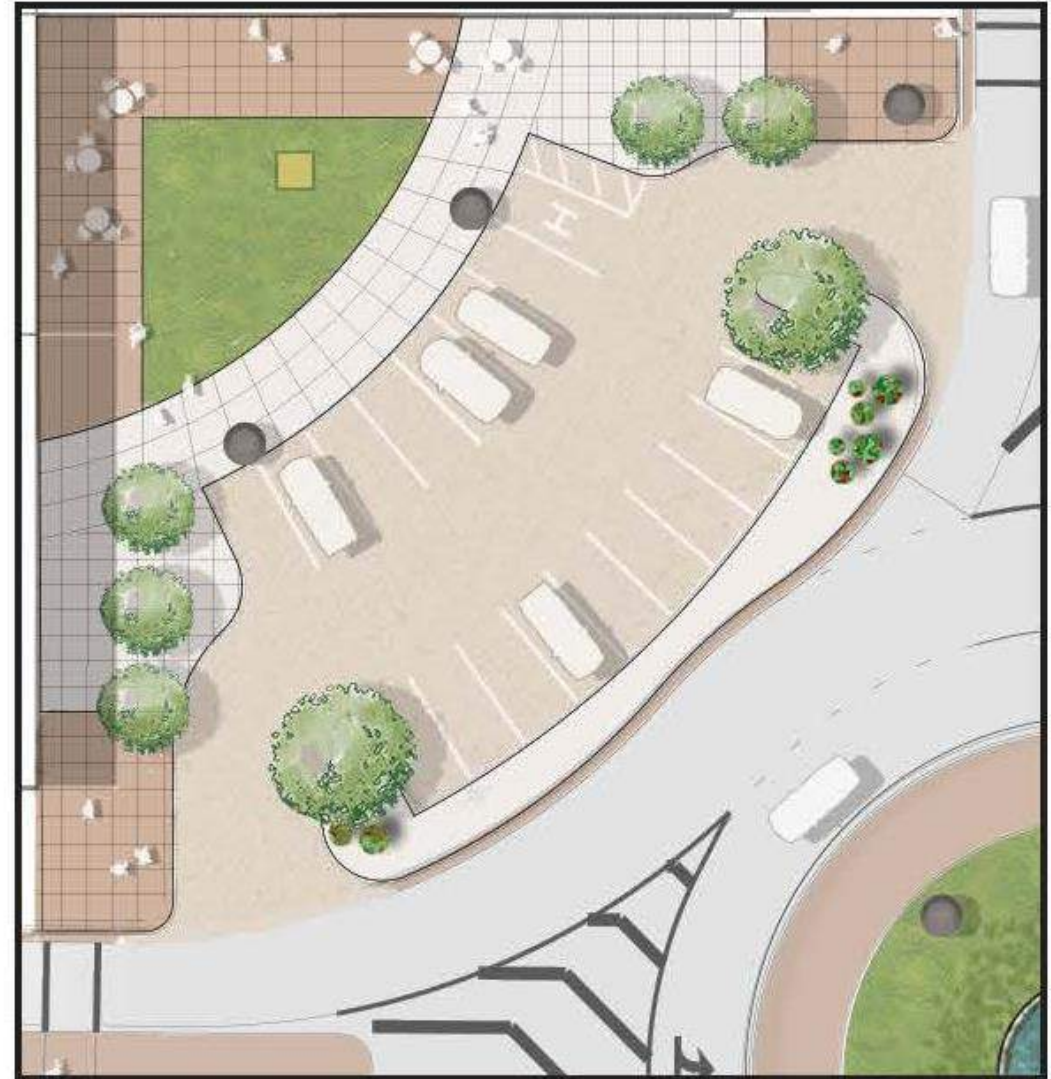
Central Event/Programmable Space





Quadrant Configuration: Option A

- Outdoor dining/café
- Small casual lawn





Quadrant Configuration: Option B

- Outdoor dining/café
- Small casual lawn or planters
- Elevated event platform





Quadrant Configuration: Option C

- Outdoor dining/café
- Planters
- Elevated event platform





Quadrant Configuration: Option D

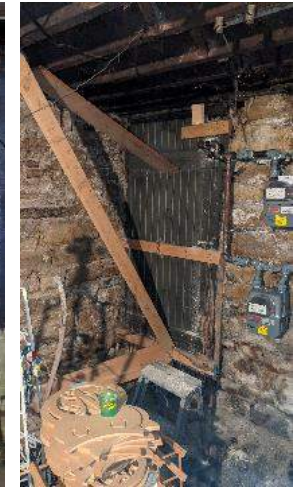
- Outdoor dining/café
- Central event/
programmable space

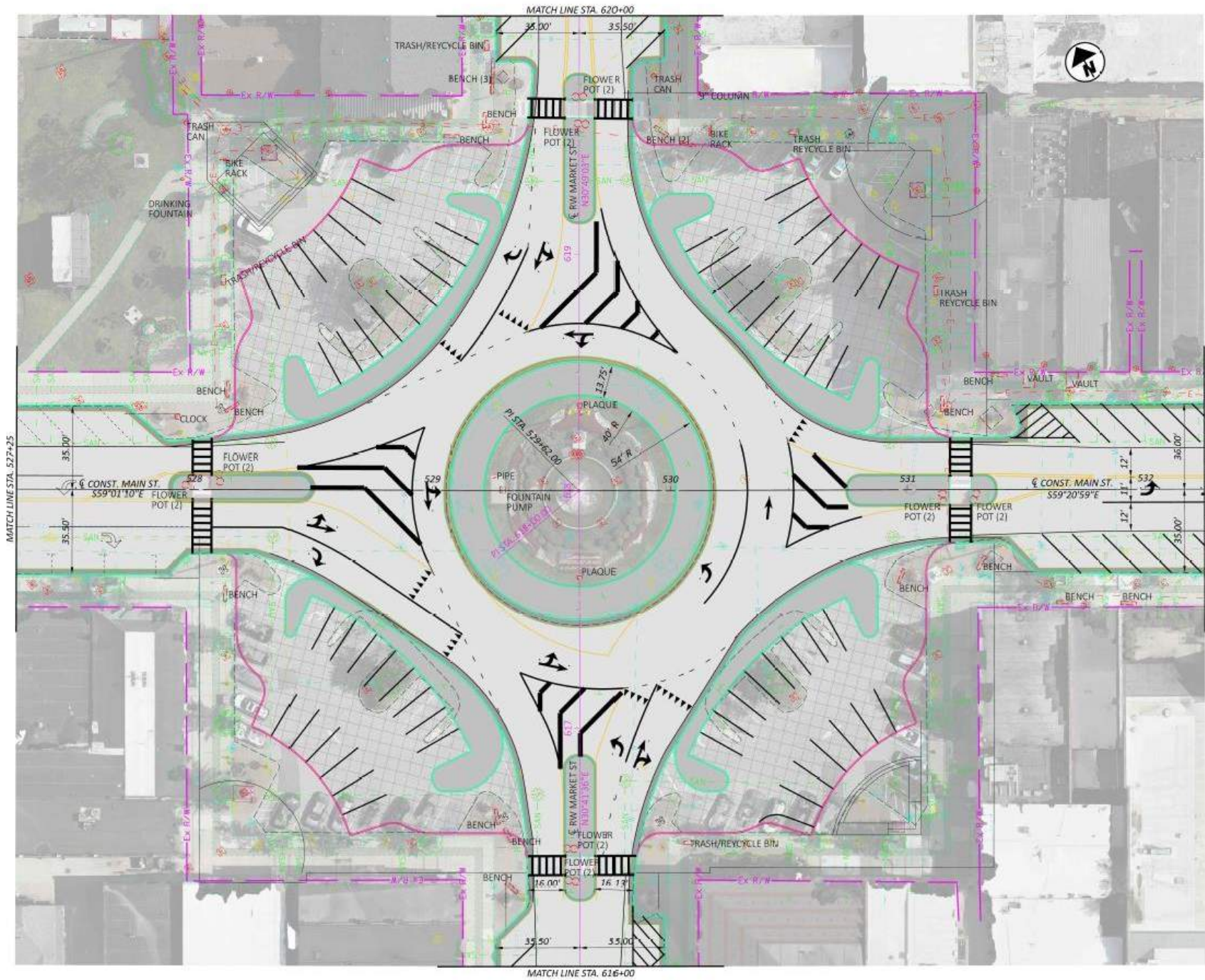




Adjacent Block Improvements

- Streetscape enhancements with basement access accommodations



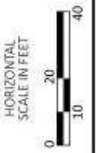


MAIN STREET (ROUNDBOUT)
STA. 527+25 TO STA. 532+25

DESIGN AGENCY



DESIGNER	BMG
REVIEWER	MAG
DATE	03/14/24
PROJECT ID	125801
SHEET	P.O.
TOTAL	0





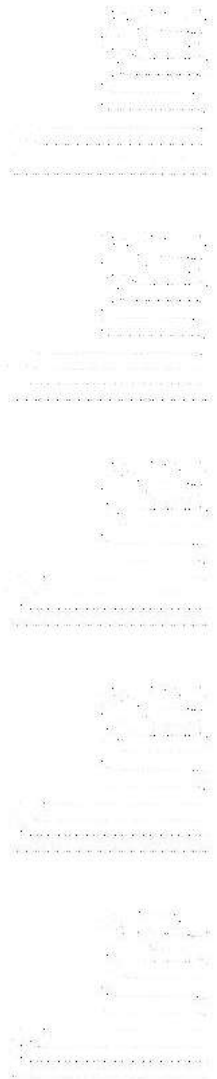
HORIZONTAL
SCALE IN FEET



0 20 40

A horizontal scale bar with alternating black and white segments. The segments are labeled 0, 20, and 40, indicating a total length of 40 feet.

MAIN STREET
STA. 532+25 TO STA. 537+25



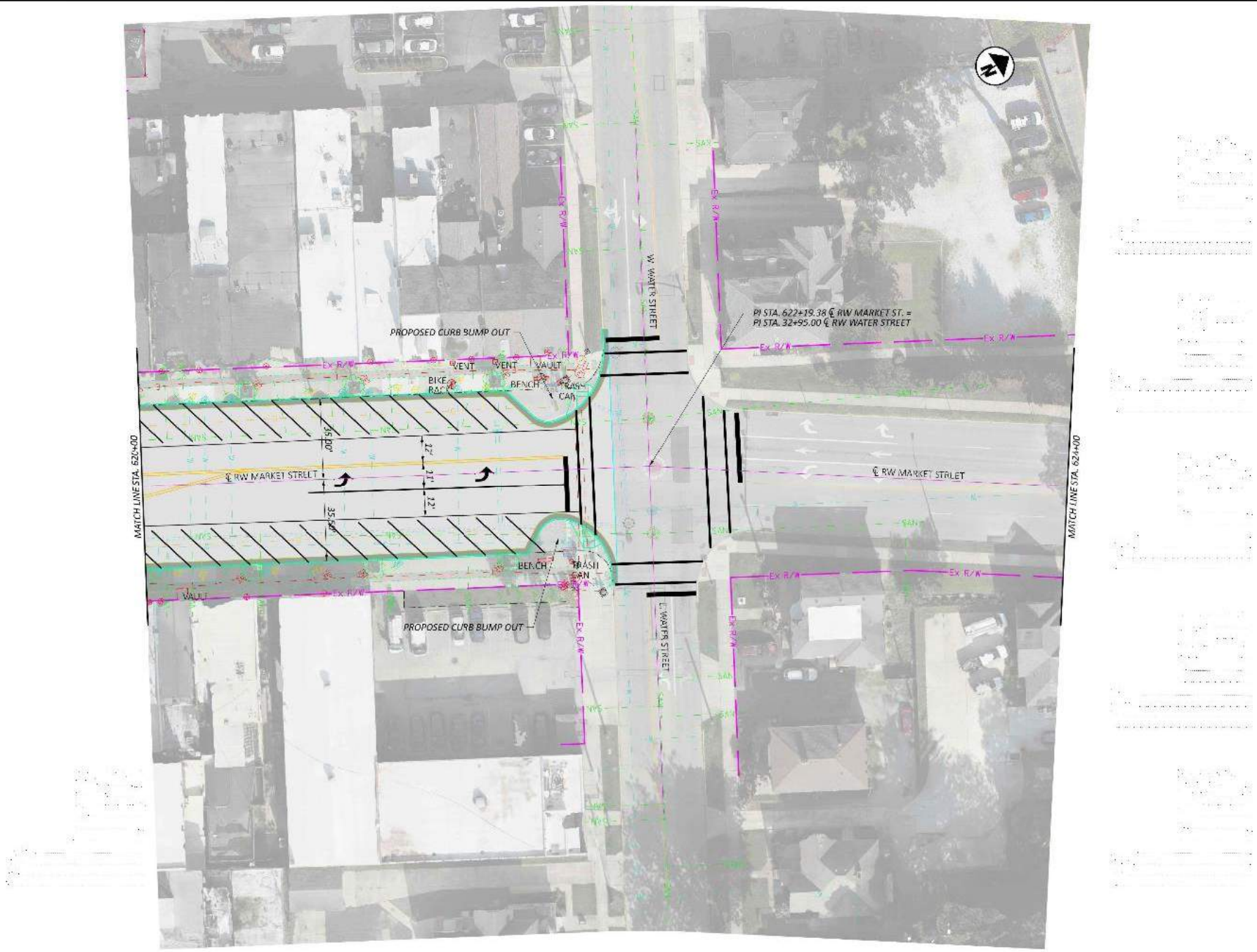
MARKET STREET
STA. 620+00 TO STA. 624+00



DESIGNER	BMG
REVIEWER	MAG
DATE	03/14/24
PROJECT ID	125801
FILED	0
P.O.	0



DOWNTOWN SAFETY STREETSCAPE



	
DESIGNER BMG	
REVISIONS MAG 03/14/24	
PROJECT # 125801	
PREP P.O.	CHECK D

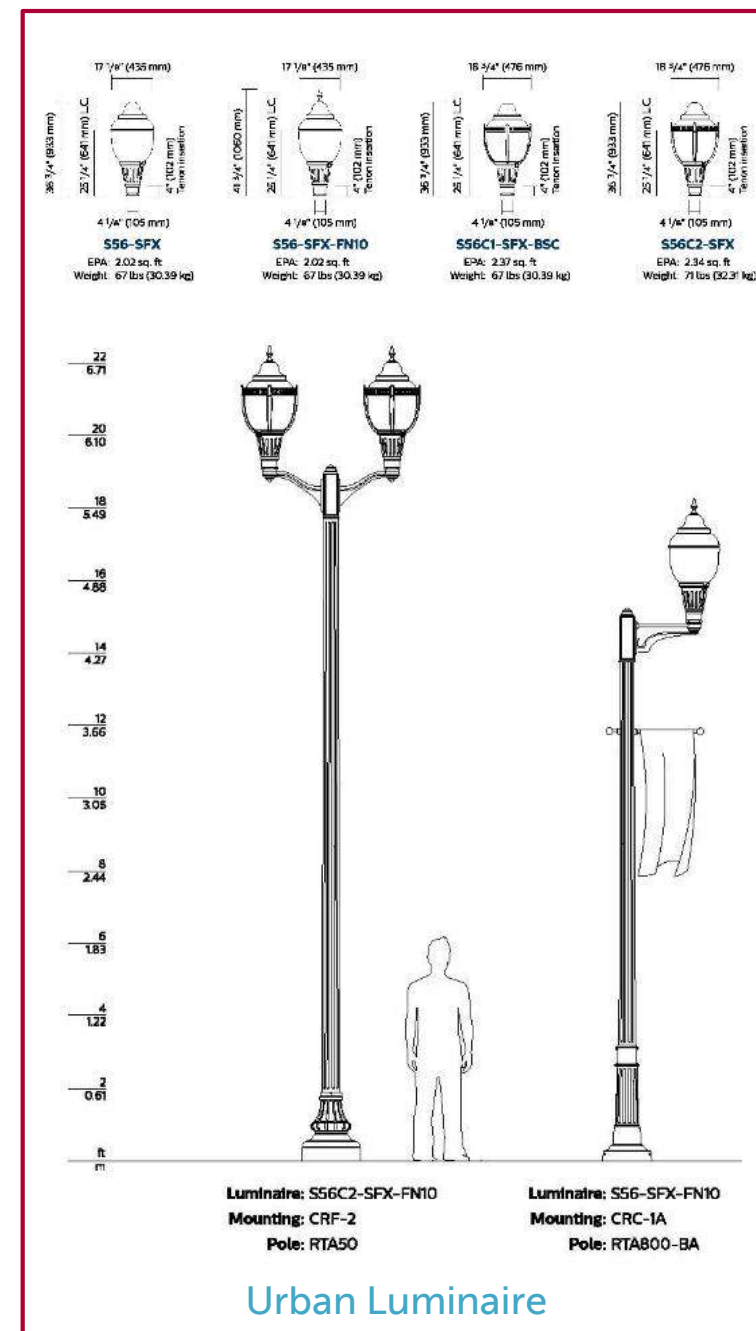
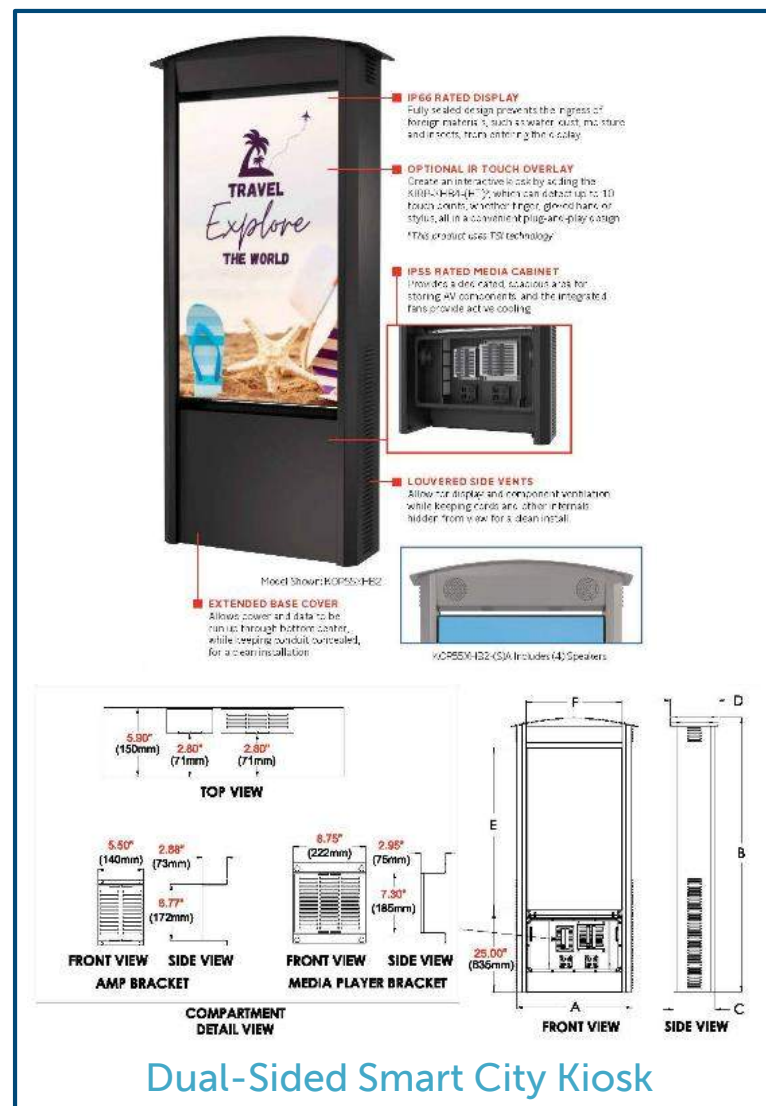
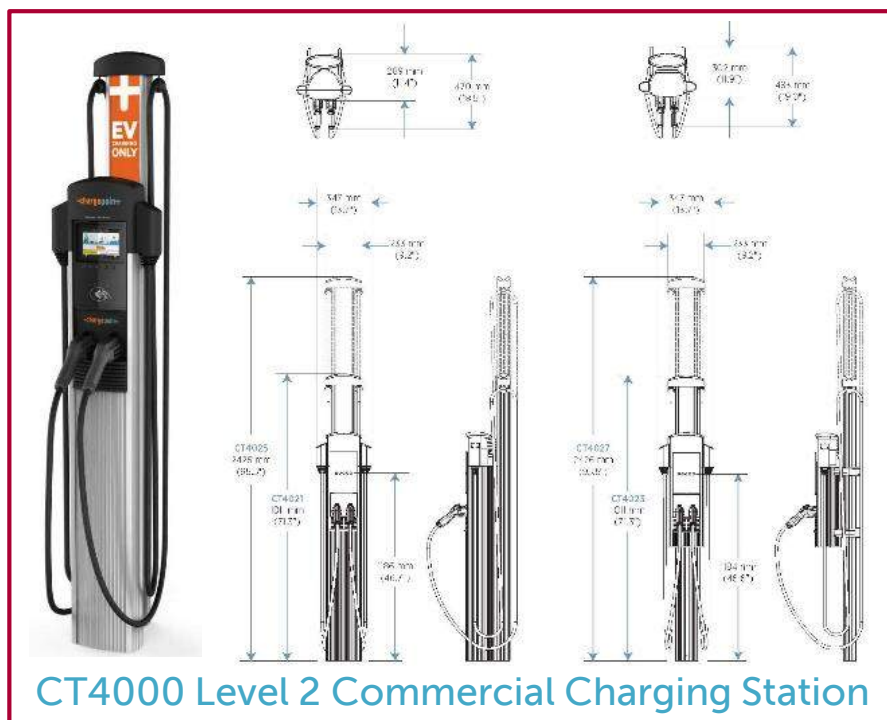
MARKET STREET
STA. 620+00 TO STA. 624+00

HORIZONTAL
SCALE: 1" = 20'
0 20 40



Utility Upgrades, Lighting, EV Charging & Kiosks

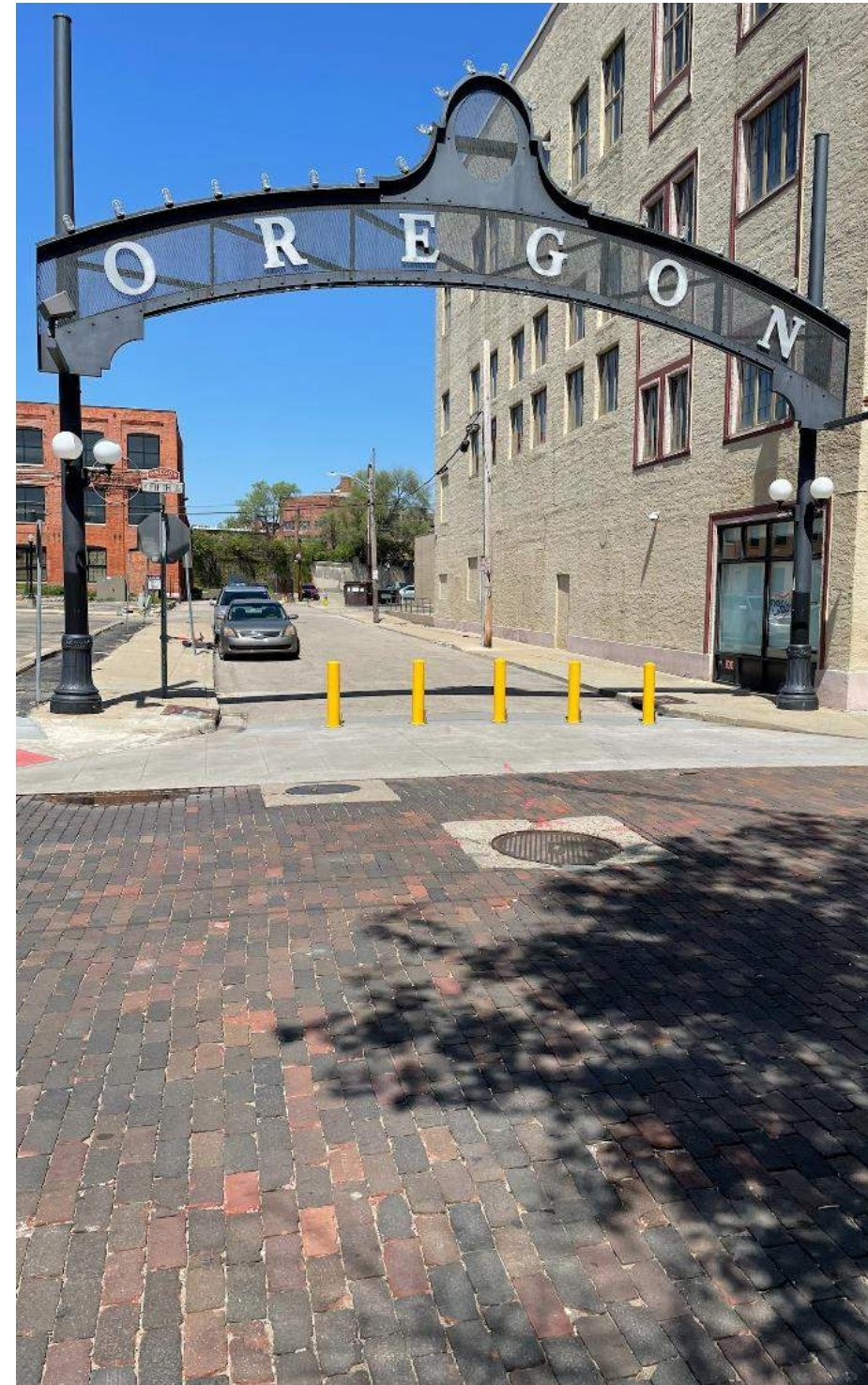
- Electrical and underground utility upgrades & sequencing





Event Accommodations

- Bollards allow for road closures and crowd protection





Schedule

Detailed
Design

- End of 2024

Construction

- Spring 2025
(start)

Stakeholder &
Public
Information
Meetings

- January 2025





Construction Sequencing Options

Two Seasons (2025 & 2026)	One Season (2025)
Reduced event disturbance	Events moved from square to another site
Normal contractor working hours	Night work required
Extended duration of disturbance	Reduced duration of disturbance



Assessments

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





Project Summary & Goals

Downtown
Streetscape
& Safety

- Maintain safe and efficient traffic operations
- Improve pedestrian safety
- Maintain parking locations and counts
- Meet budget



Group Discussion Points

- Prouty Plaza
- Quadrant configurations
- Construction sequencing
- Others





Questions? Let us know!

- Meet us at the exhibit boards
- Sign-in and complete comment cards
- Public engagement continuing throughout project design



CITY OF TROY

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Thank you!

