

TROY
OHIO



Engineering
Building Partnerships



Downtown Safety & Streetscape Stakeholder Meeting

May 22, 2024 | 6-8 pm



MKSK





Project Team



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P.E.



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P.E.



Jeremy Drake



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ASLA, PLA



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PE



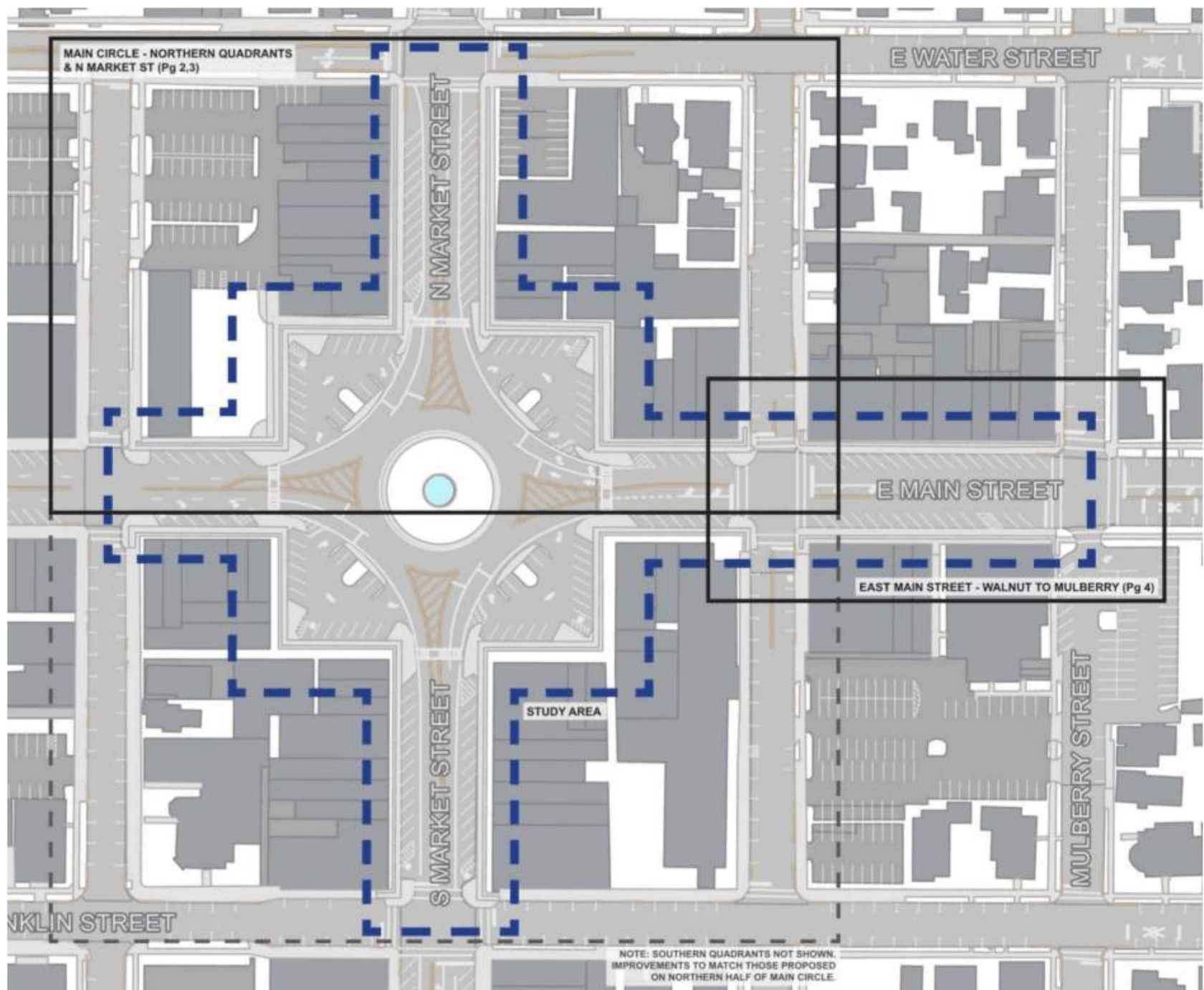
Nathan Fischer,
P.E.





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



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



Existing Conditions





Existing Conditions





Existing Conditions





Opportunity to Do More!

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



Traffic Operations & Safety Analysis

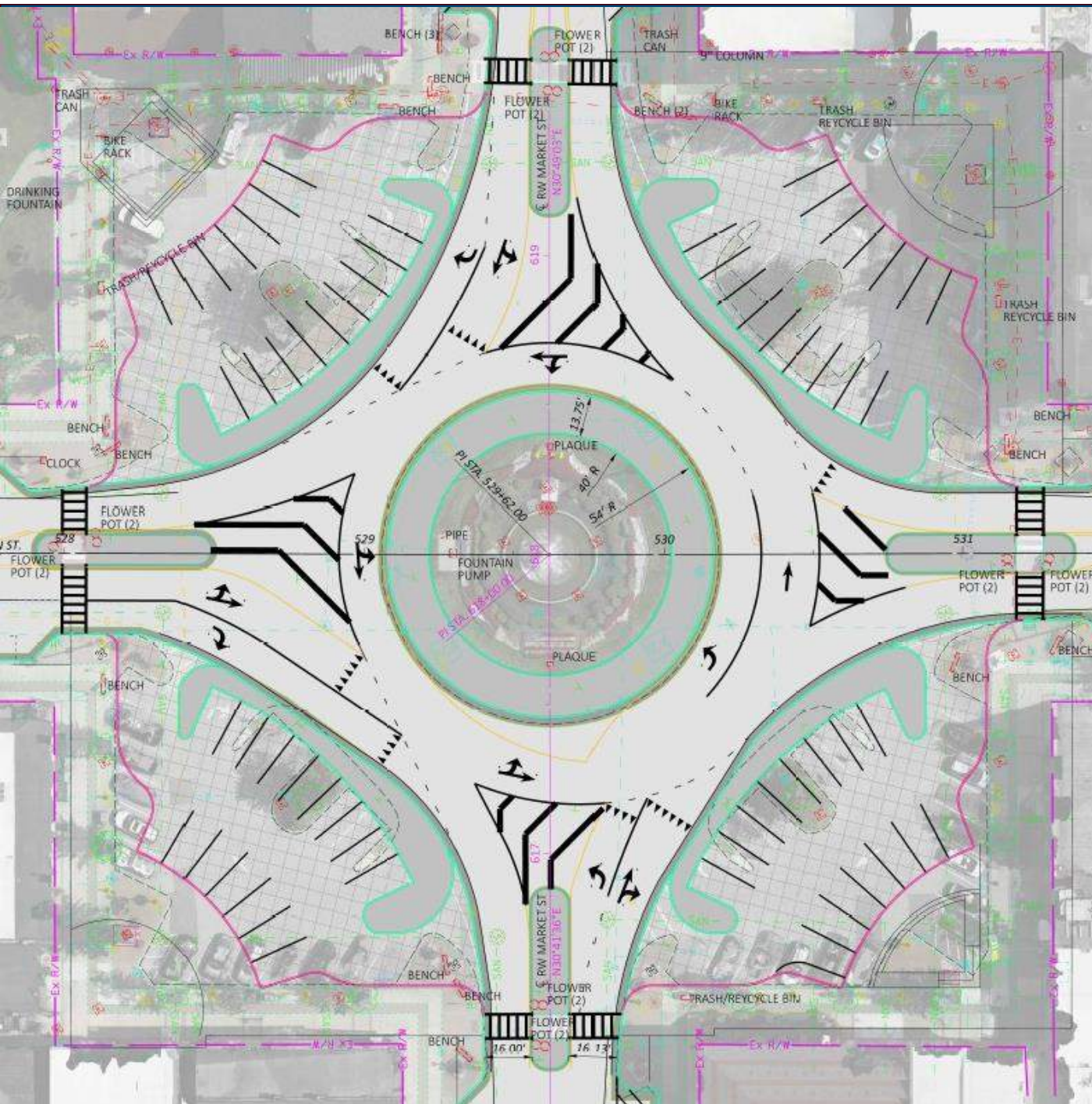
- Turning movements and the circulating roadway
- Existing delay
 - Capacity analysis of various alternatives
- Pedestrian safety challenges
 - Proximity of crosswalks to the circulating roadway
 - Length of crosswalks
 - Make temporary improvements more permanent





Proposed Improvements: Center of the Square

- Convert traffic circle to a modern roundabout
 - Reduce outer diameter of circulating roadway by 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
 - Increasing capacity and level of service while maintaining safe operating speed, decreasing delay, improving level of service
- Maintain existing landscaping, flagpole and fountain
- Improve pedestrian safety with raised islands at crosswalks, reduced crossing lengths, and separation of conflict points

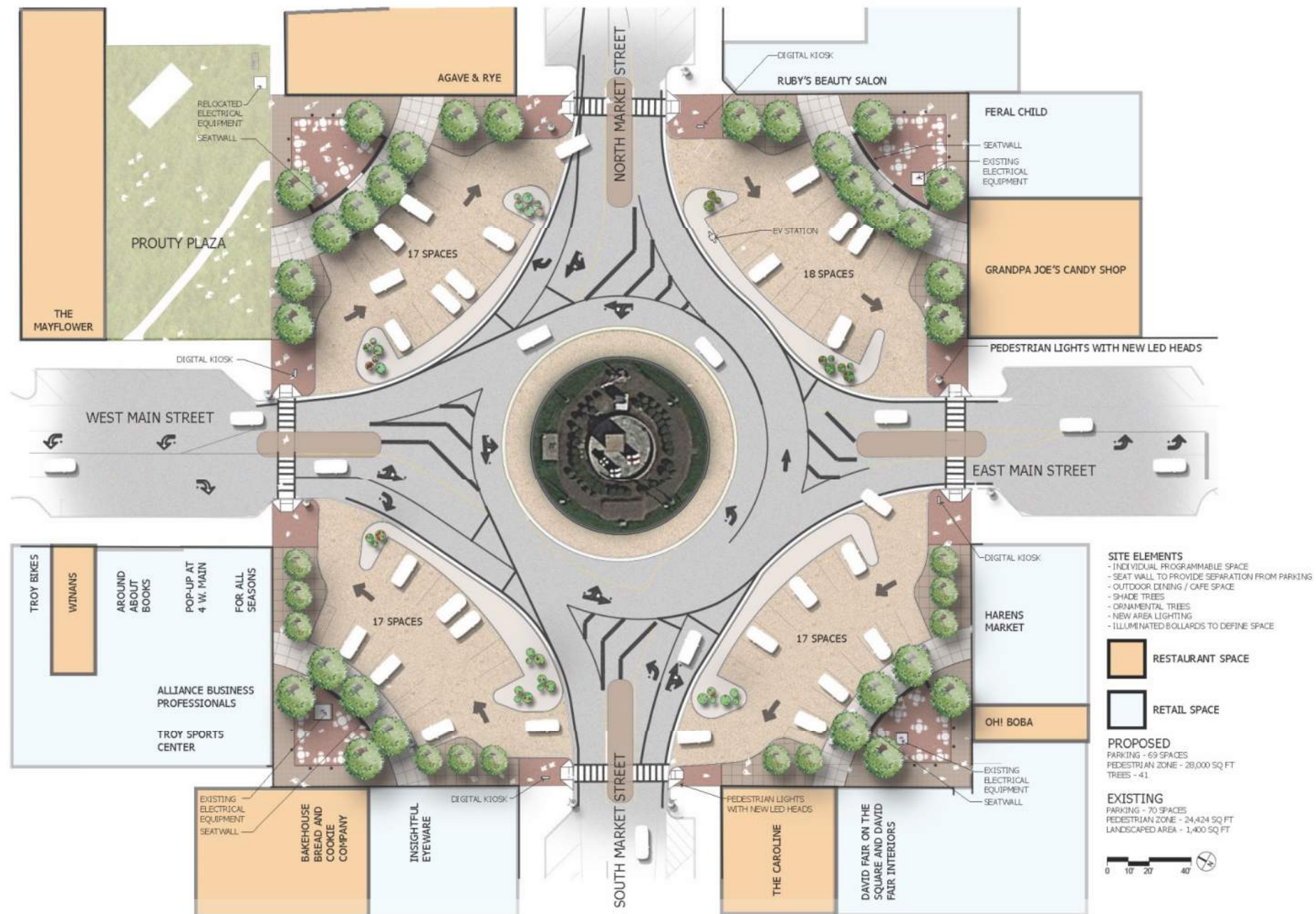


- Traffic circle → modern Hybrid 2x1 roundabout
- Maintain existing landscaping, flagpole and fountain
- Improve pedestrian safety



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 increases from 24,000SF to 28,000SF
- Improved sidewalks, enhanced outdoor dining, and additional opportunities for gathering spaces, landscaping, and public amenities



Proposed Improvements: Quadrant Configurations



Quadrant Configuration Options



QUADRANT OPTION A



QUADRANT OPTION B



QUADRANT OPTION C



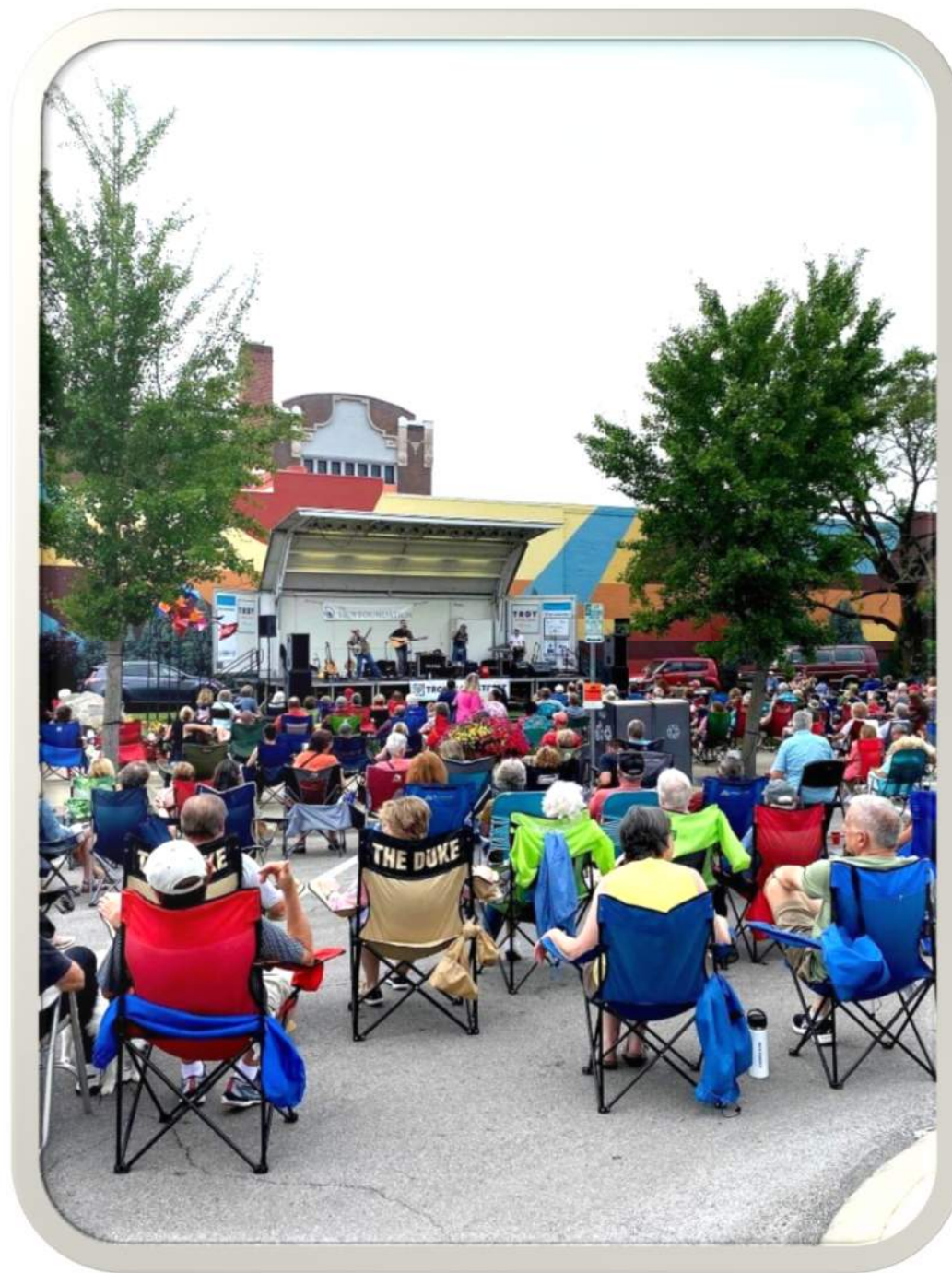
QUADRANT OPTION D

- 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





Seat Walls





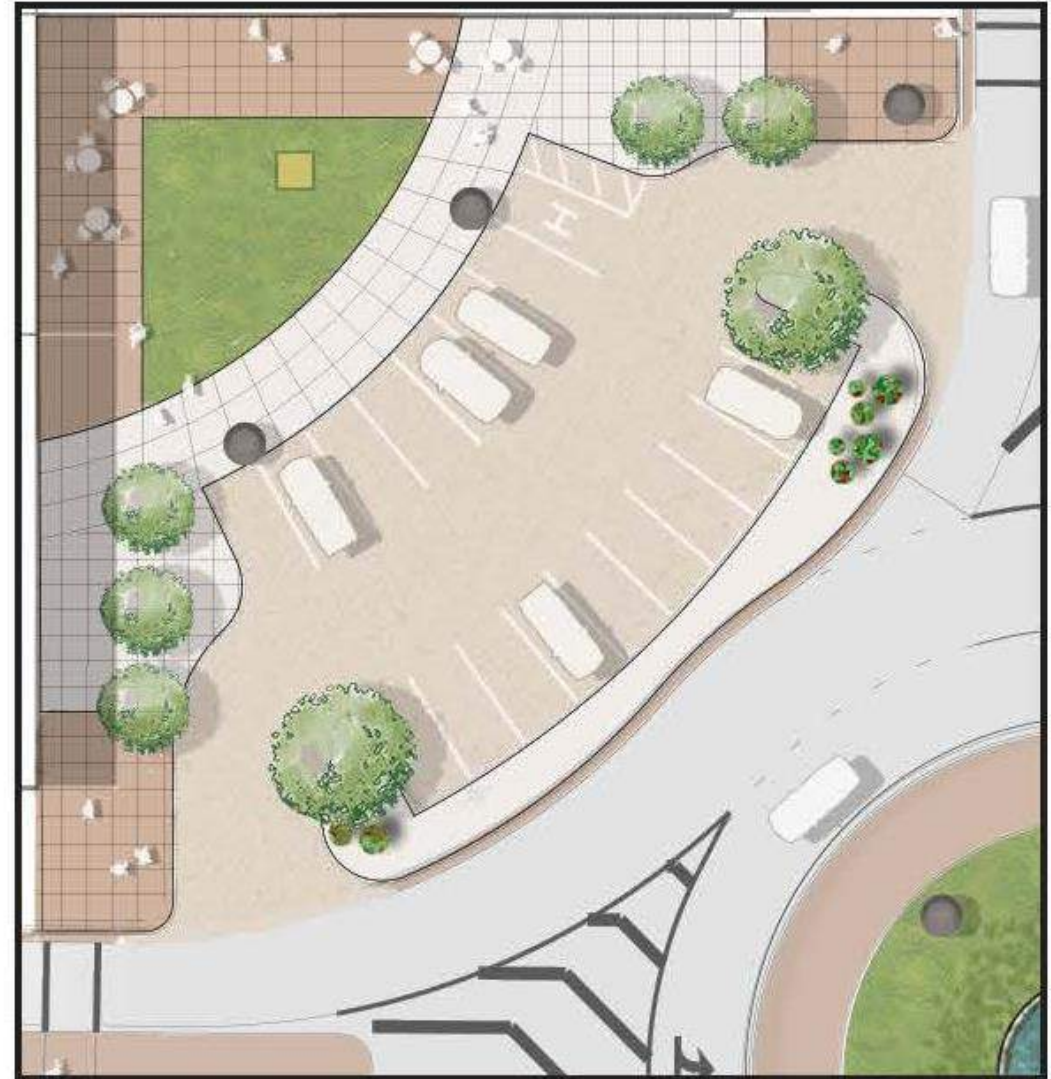
Central Event/Programmable Space





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

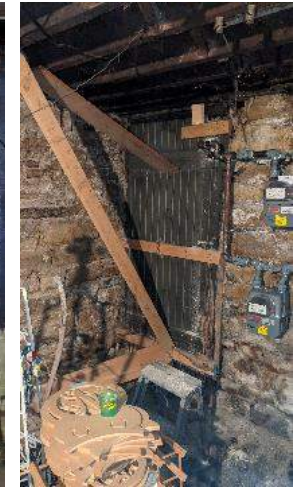
- Outdoor dining/café
- Central event/programmable space

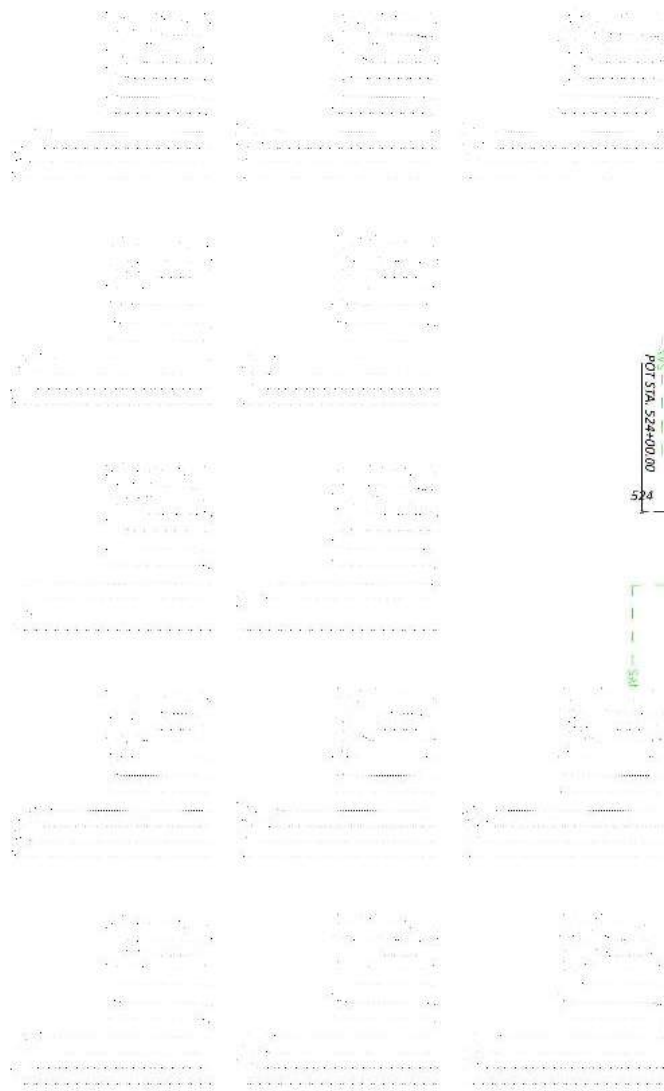




Adjacent Block Improvements

- Streetscape enhancements with basement access accommodations





PAVEMENT LEGEND

- = FULL DEPTH PAVEMENT
- = MILL AND OVERLAY
- = RAISED CONCRETE & PAVEMENT ISLAND/TRUCK APRON
- = FULL DEPTH QUADRANT REPLACEMENT

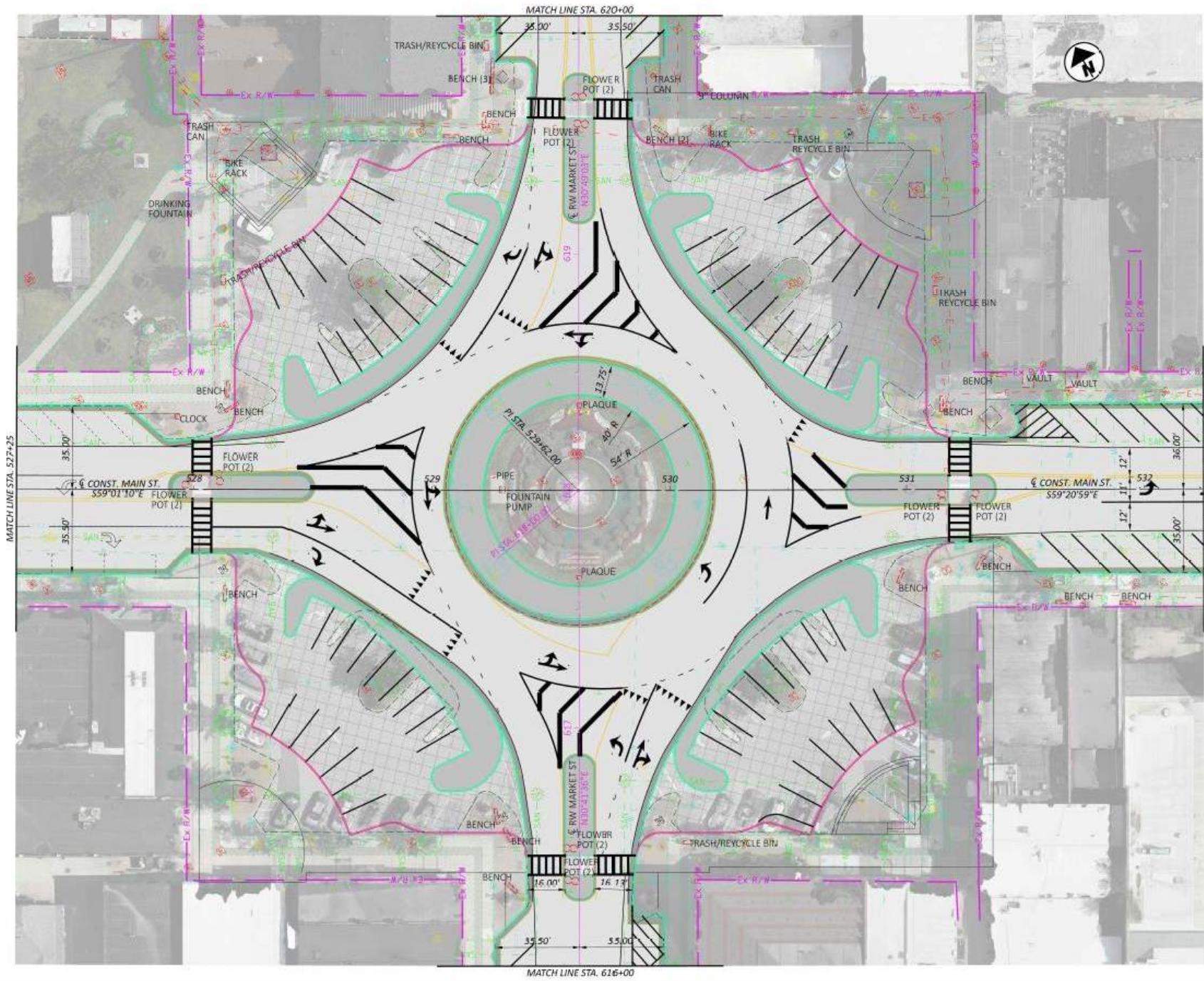


MAIN STREET
STA. 524+00 TO STA. 527+25



DESIGN AGENCY

DESIGNER
BMG
ENGINEER
MAG 03/14/24
PROJECT NO.
125801
SHEET
P.O. 0

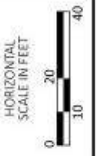


MAIN STREET (ROUNDBOUT)
STA. 527+25 TO STA. 532+25

DESIGN AGENCY



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





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

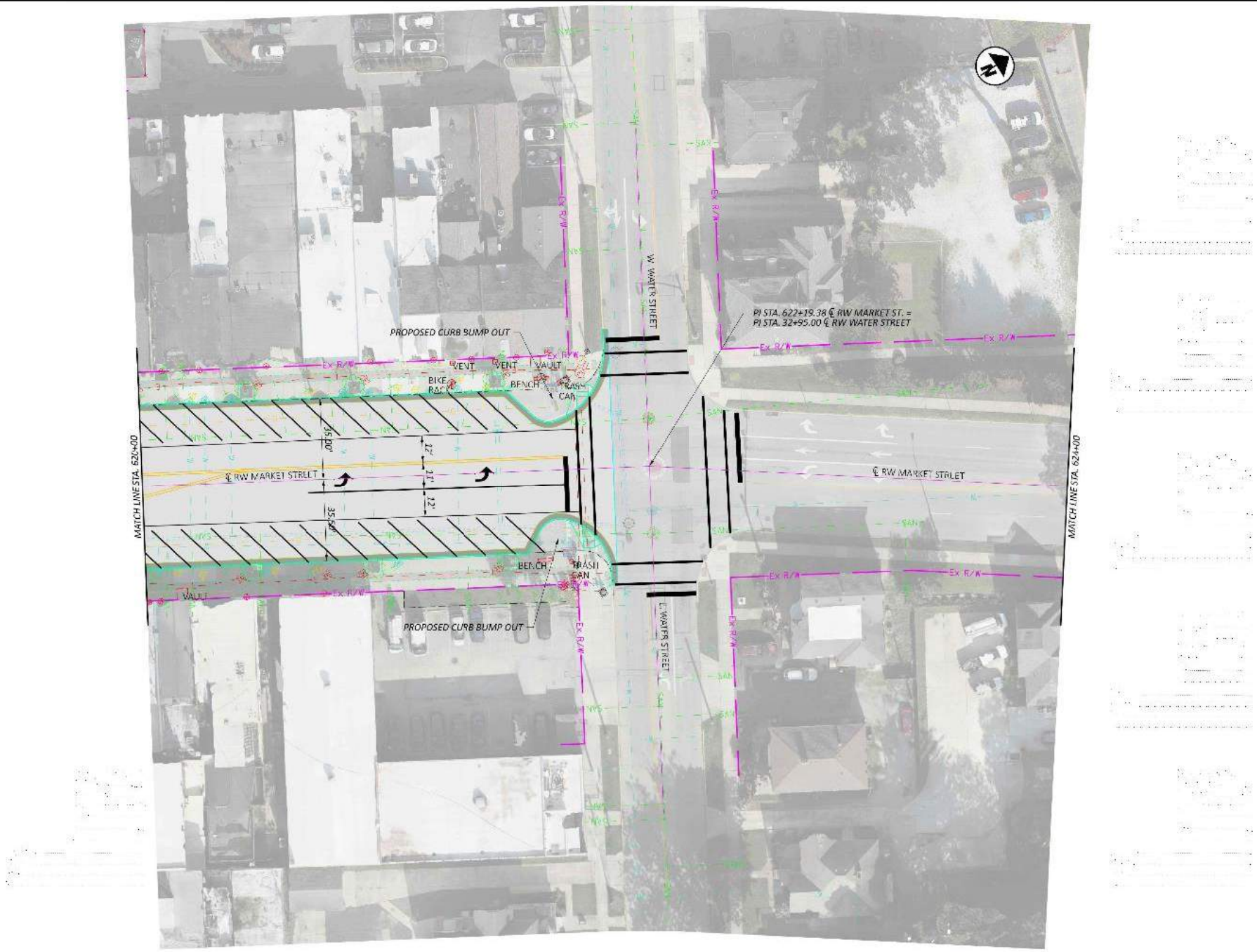


MATCH LINE STA. 616+00

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



DOWNTOWN SAFETY STREETSCAPE



DESIGNER
BMG

DATE
03/14/24

PROJECT
125801

PRP
P.O. 0



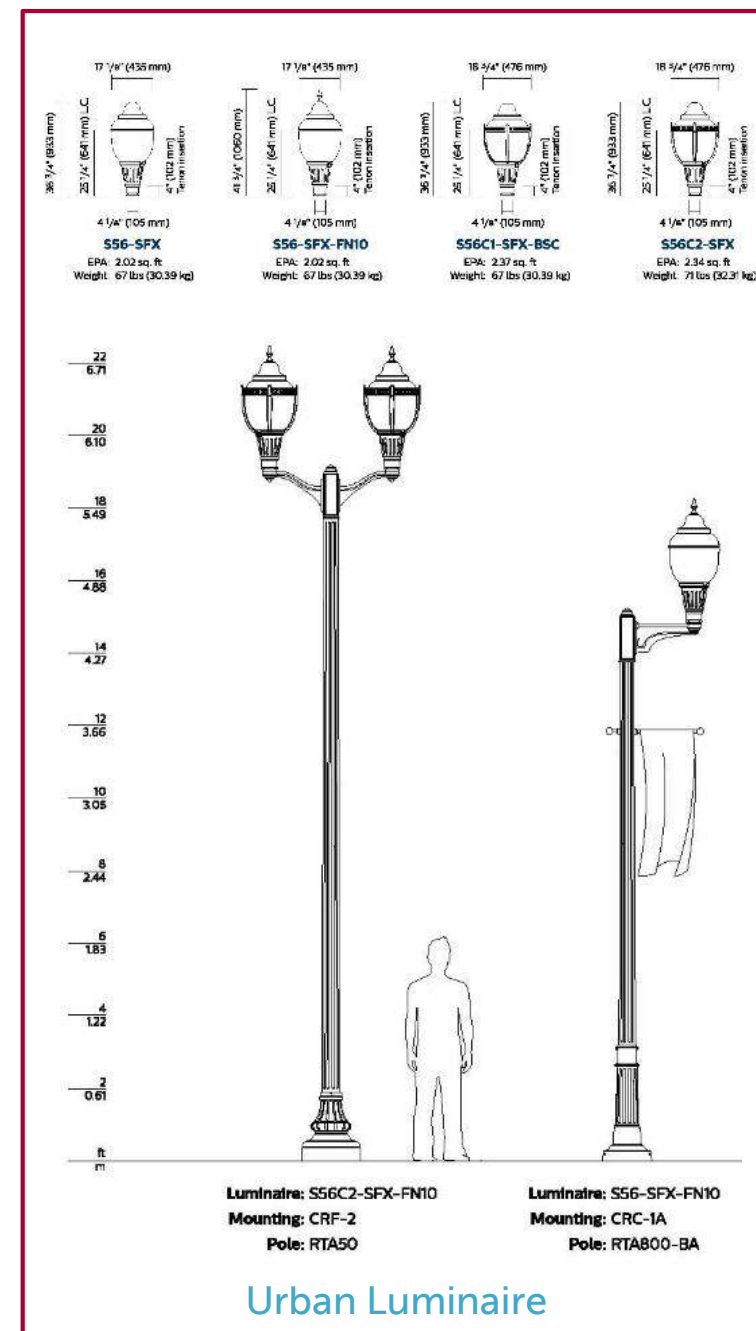
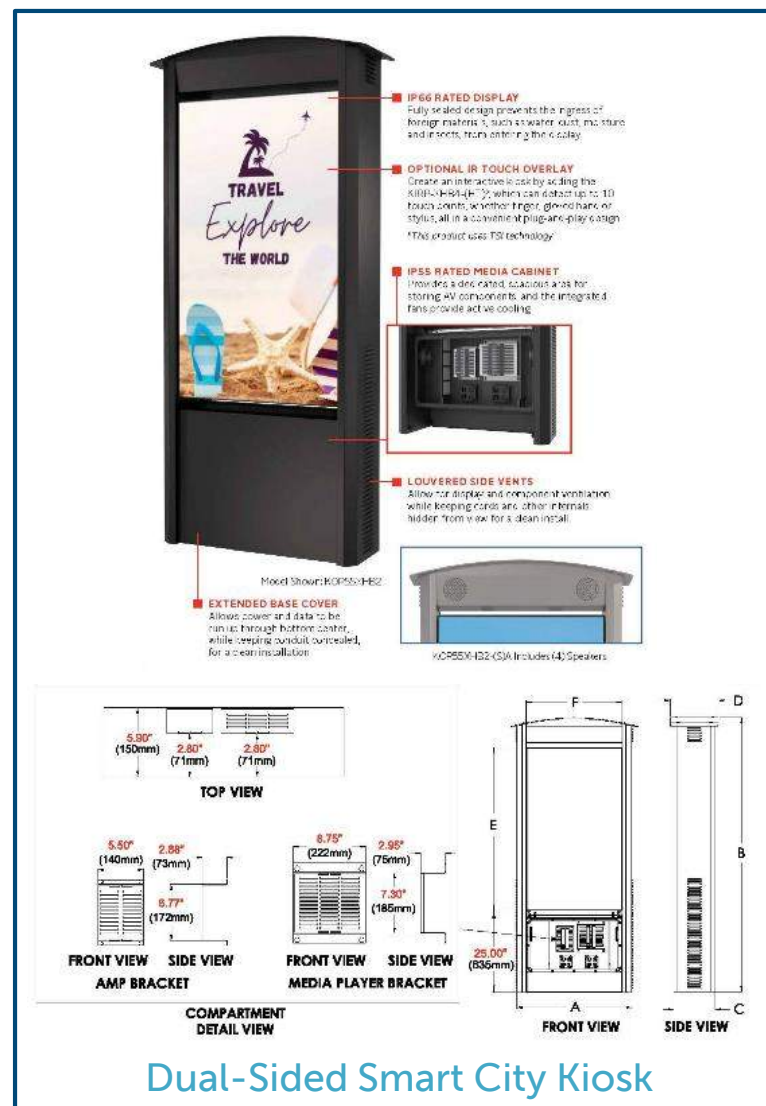
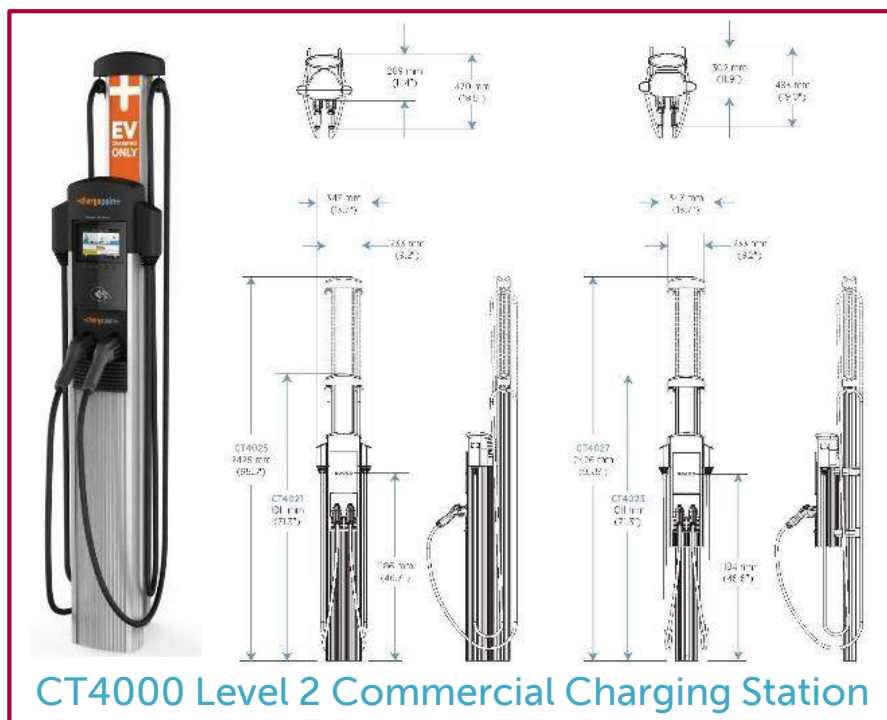
MARKET STREET
STA. 620+00 TO STA. 624+00





Utility Upgrades, Lighting, EV Charging & Kiosks

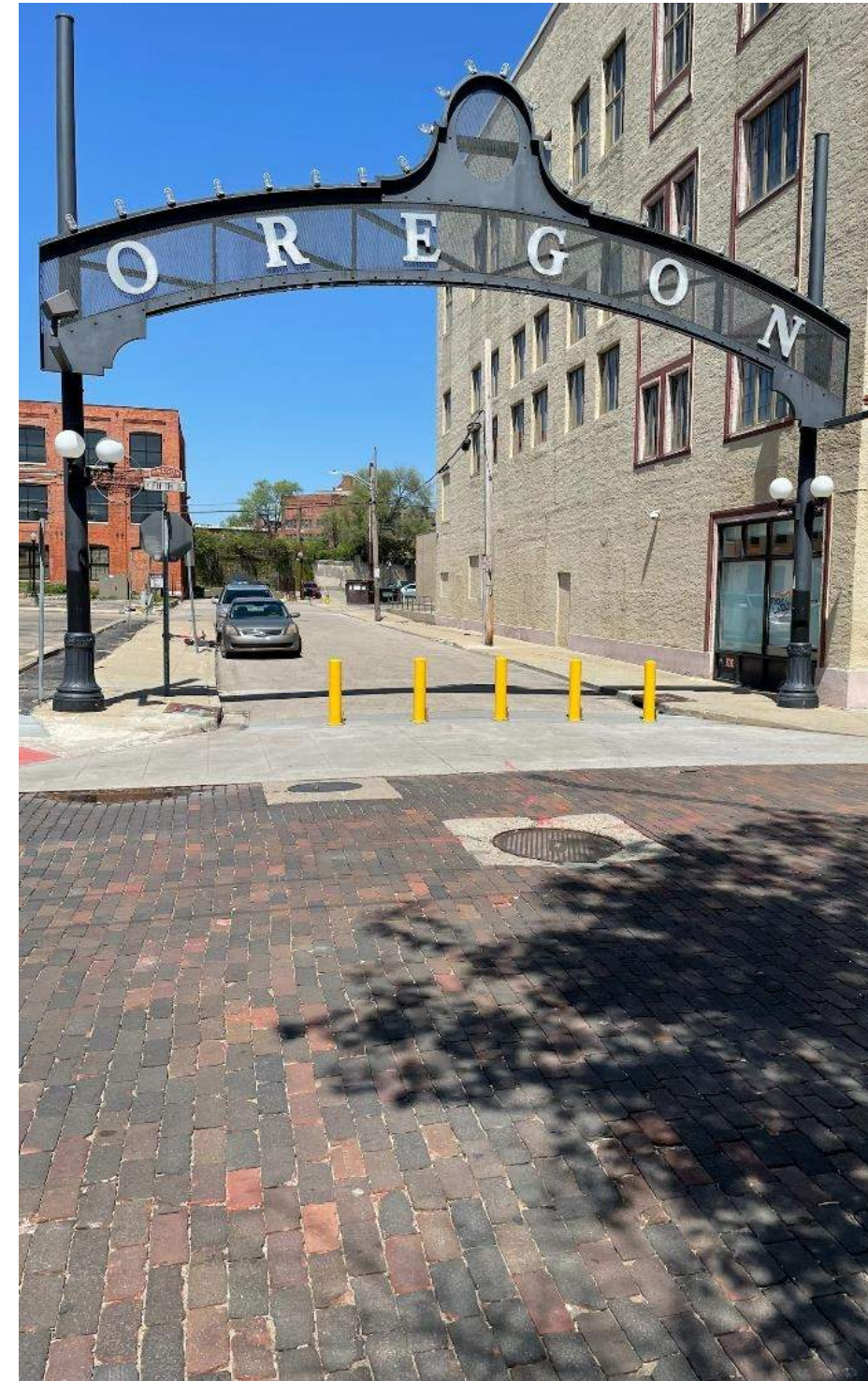
- Electrical and underground utility upgrades & sequencing





Event Accommodations

- Bollards allow for road closures and crowd protection





Schedule

Detailed
Design

- End of 2024

Construction

- Beginning no earlier than Spring 2025

Stakeholder &
Public
Information
Meetings

- Early 2025





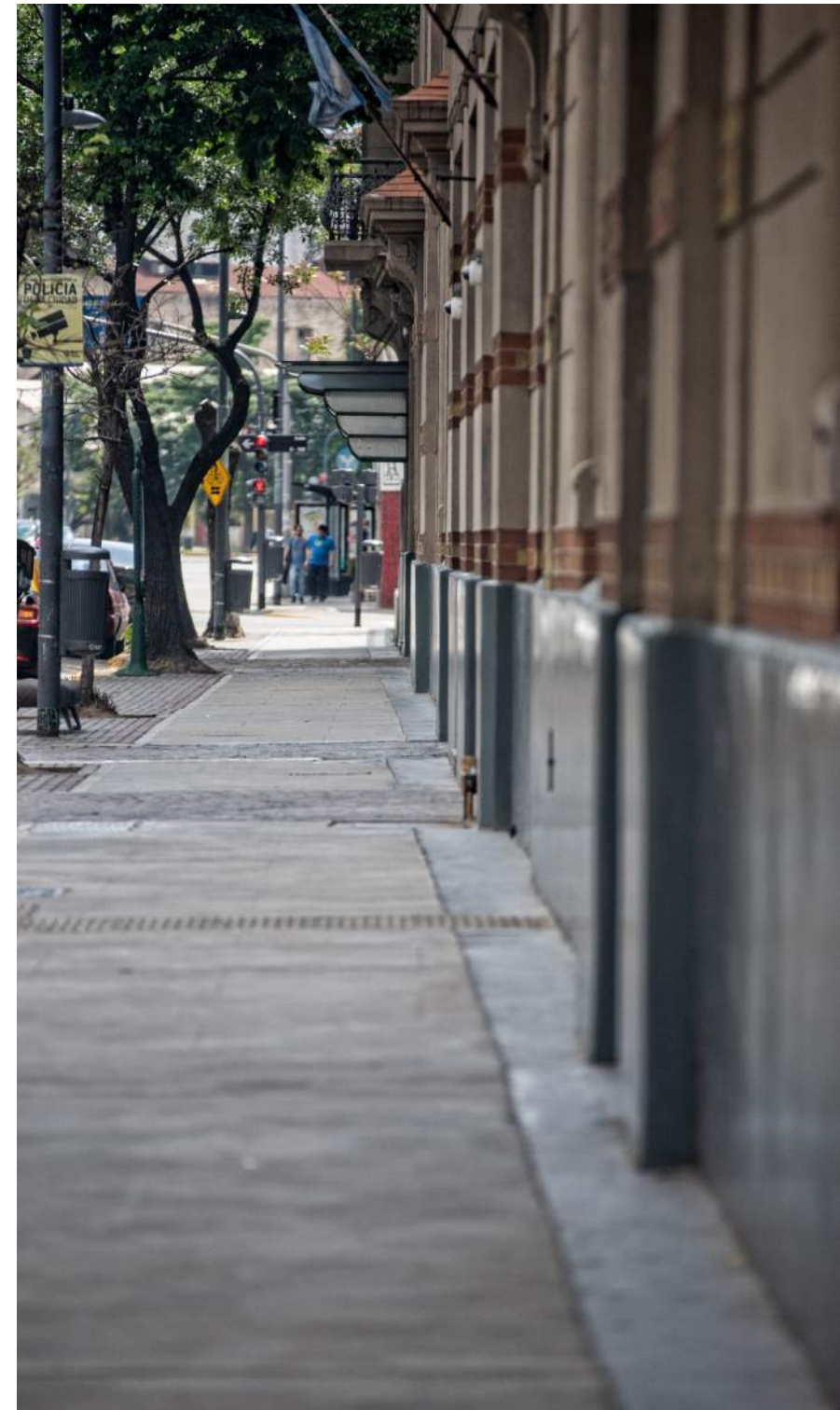
Construction Scheduling Factors

- Underground utility work to be completed first
- Phased construction of the improvements
- Impacts of night work
- Construction duration
- Other capital improvement projects around the city
- Relocation of special events to outside of square during construction



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

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

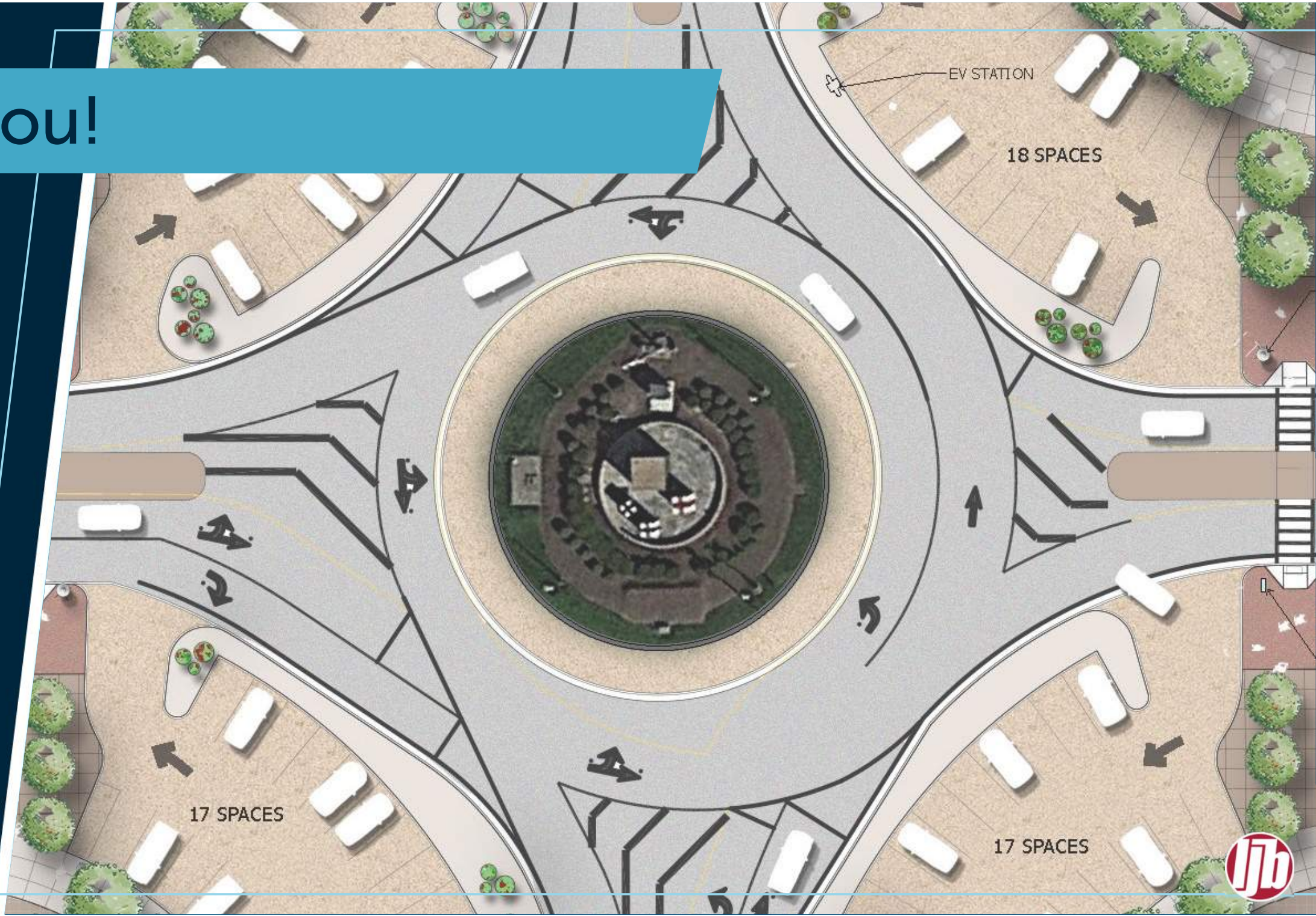


Group Discussion Points

- Quadrant configurations
- Construction scheduling
- Prouty Plaza
- Others



Thank you!





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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