

Plum Street Roundabout

Public Meeting

Public Meeting: March 2, 2023



Agenda:

- Project Overview
 - Project Timeline
 - Project Purpose & Need
- Public engagement summary
- Permanent roundabout tool kit
- Proposed concept
- Creating Public Space
- Next Steps

Project Overview



PLUM STREET ROUNDABOUT

N. Plum St., Park Ave., & E. New St. Intersection



Project Location

PAST CONDITIONS

- Safety concerns: High-crash intersection, vehicular speeding and long crosswalks
- Recommended as a mini park in the Urban Park, Recreation, and Open Space Plan



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TEMPORARY ROUNDABOUT



Elements of the temporary mini-roundabout installed in 2019

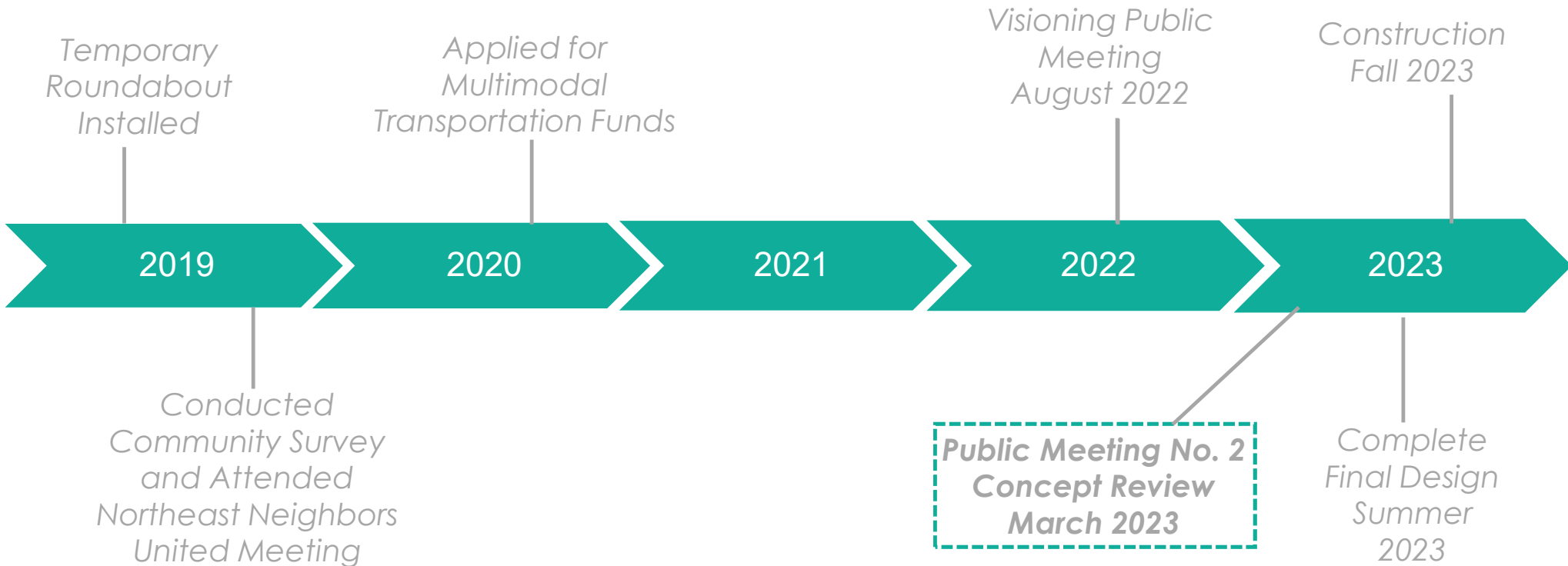


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N. Plum St., Park Ave., & E. New St. Intersection

PROJECT TIMELINE



PURPOSE AND NEED

PURPOSE:

- Install permanent roundabout improvements at the intersection
- Install ADA compliant crossing
- Convert excess ROW to community space

NEED:

- Improve Safety at the Intersection.
- Improve Mobility at the Intersection.



Mini-roundabout in Harrisburg, PA



Public Engagement Summary

POST INSTALLATION SURVEY AND DATA RESULTS

TAKEAWAYS TO GUIDE DESIGN:

Majority of respondents would like the roundabout to become **permanent**.

The roundabout has **slowed vehicle speeds** and has **improved safety**.

There is a need to **improve pedestrian access** to increase compliance.

There is a need to **improve bicycle accommodations** to increase compliance.

Large vehicles should be accommodated better.

The space in the southeast intersection should become **repurposed** for uses other than motor vehicles.

VISIONING SESSION FEEDBACK

INTERSECTION DESIGN:

Slow Vehicles through the intersection.

Ensure vehicles are forced to **circulate** the roundabout.

Provide **raised splitter islands** to better direct/slow traffic.

Provide **raised central island** with **landscaping**.

Provide **pedestrian refuge** within the splitter island.

Provide **raised crosswalks** on all legs of the intersection.

Have the design **discourage illegal parking**.

Improve intersection lighting, especially for pedestrians



VISIONING SESSION FEEDBACK

OPEN SPACE + PLACEMAKING

Desire for a **traditional theme**.

Find Inspiration from the neighborhood's **history** and **culture**.

The design should find space for public **art**, **murals**, and **green space**.

Expand urban canopy with **more trees**.

Consider space for **food trucks** and other neighborhood events.

Design should not become a **trash collector** and **no defensive architecture**.



Responses to "What would make this space unique"

TOOLBOX OF TREATMENTS

Setback Crosswalks
and High Visibility
Pavement Markings



Compliant Curb Ramps



Raised Crosswalk



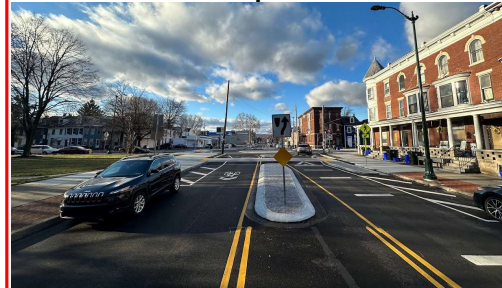
Street Lighting
Enhancements + Signage



Curb Extensions



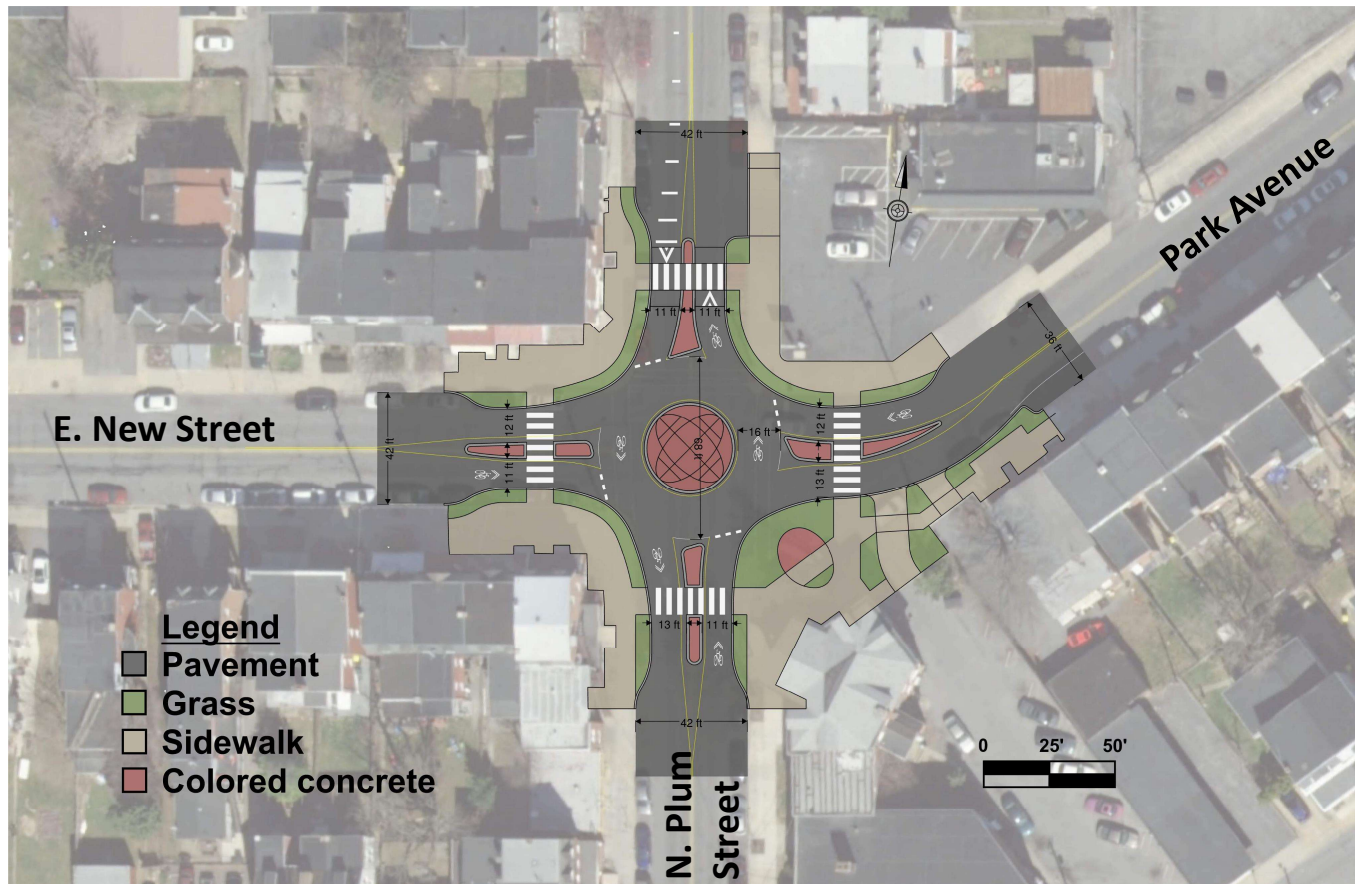
Mountable Splitter Islands



Mountable Central Island



PROPOSED CONCEPT

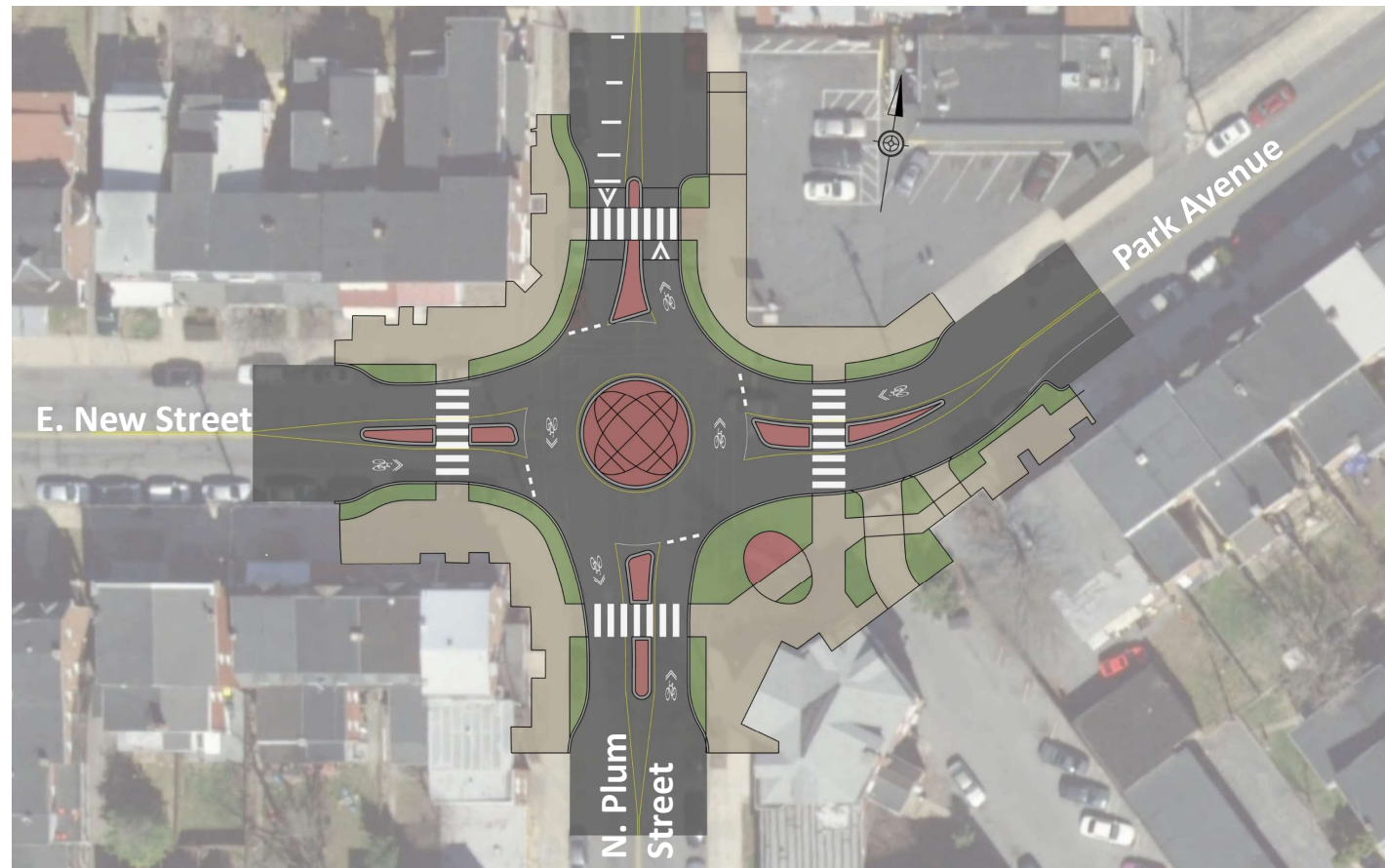


PROPOSED CONCEPT

**Designed for vehicle
entry speeds of less
than 20 mph**

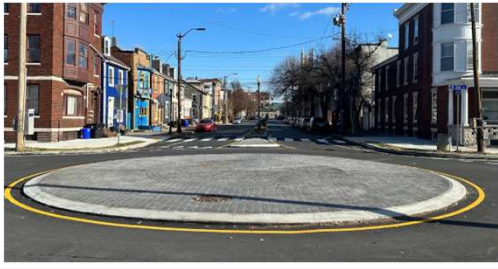
**COMMUNITY
FEEDBACK:**

Slow vehicles through the
intersection



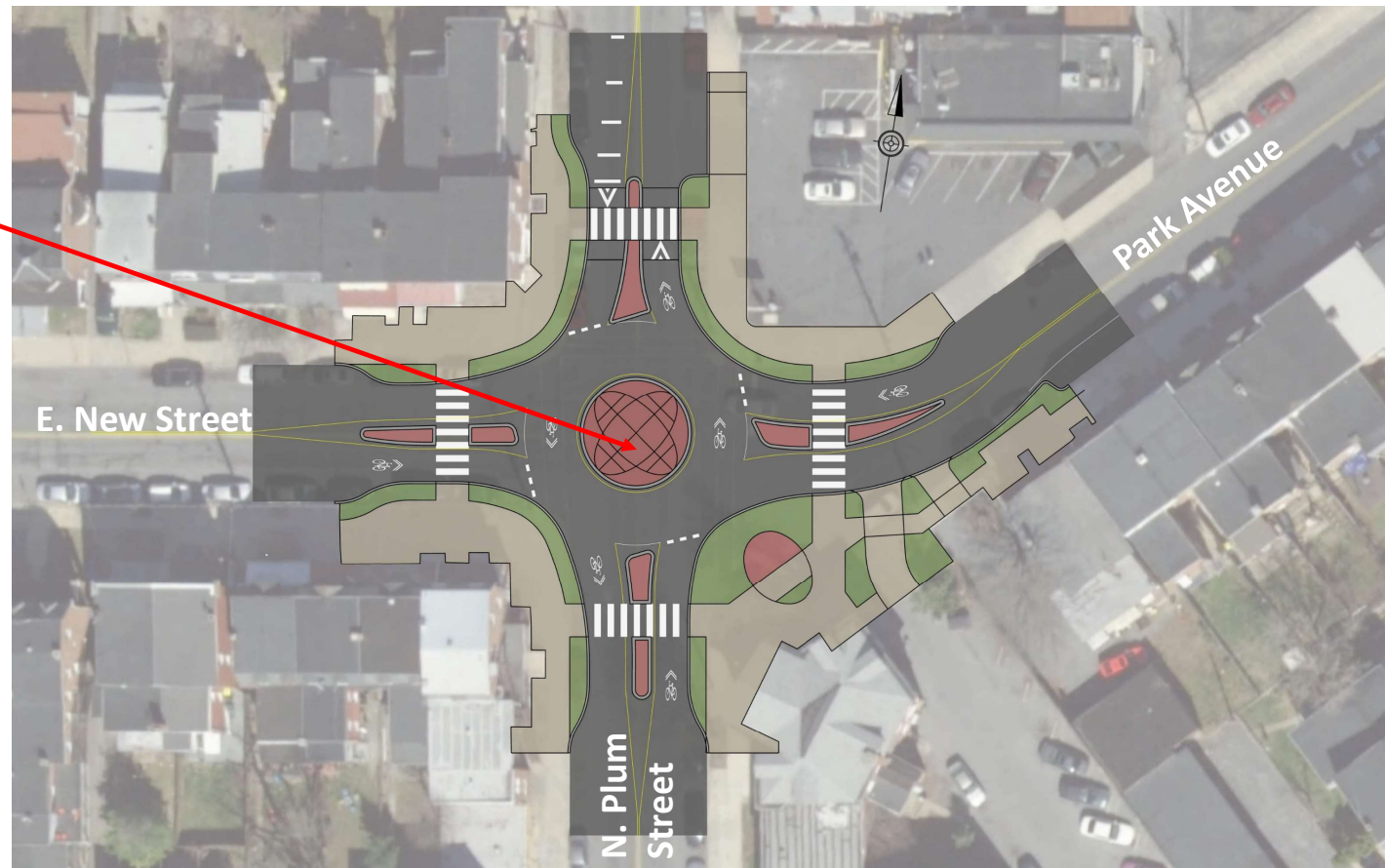
PROPOSED CONCEPT

Mountable Central Island



COMMUNITY FEEDBACK:

Provide raised central
island with landscaping +
better accommodate
large vehicles





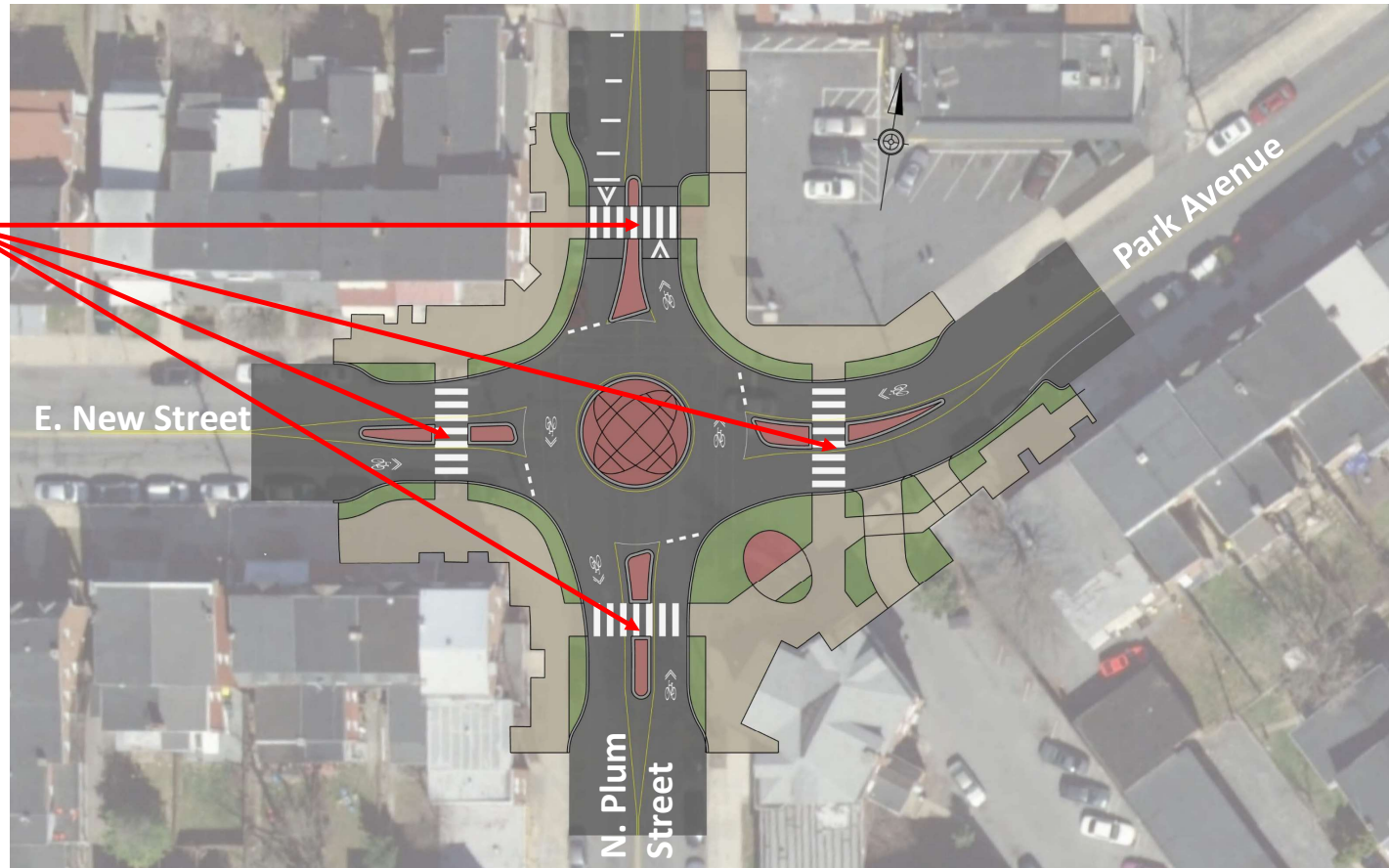
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PROPOSED CONCEPT

Setback Crosswalks and ADA Curb Ramps



COMMUNITY FEEDBACK:

Improve pedestrian access + offset crosswalks



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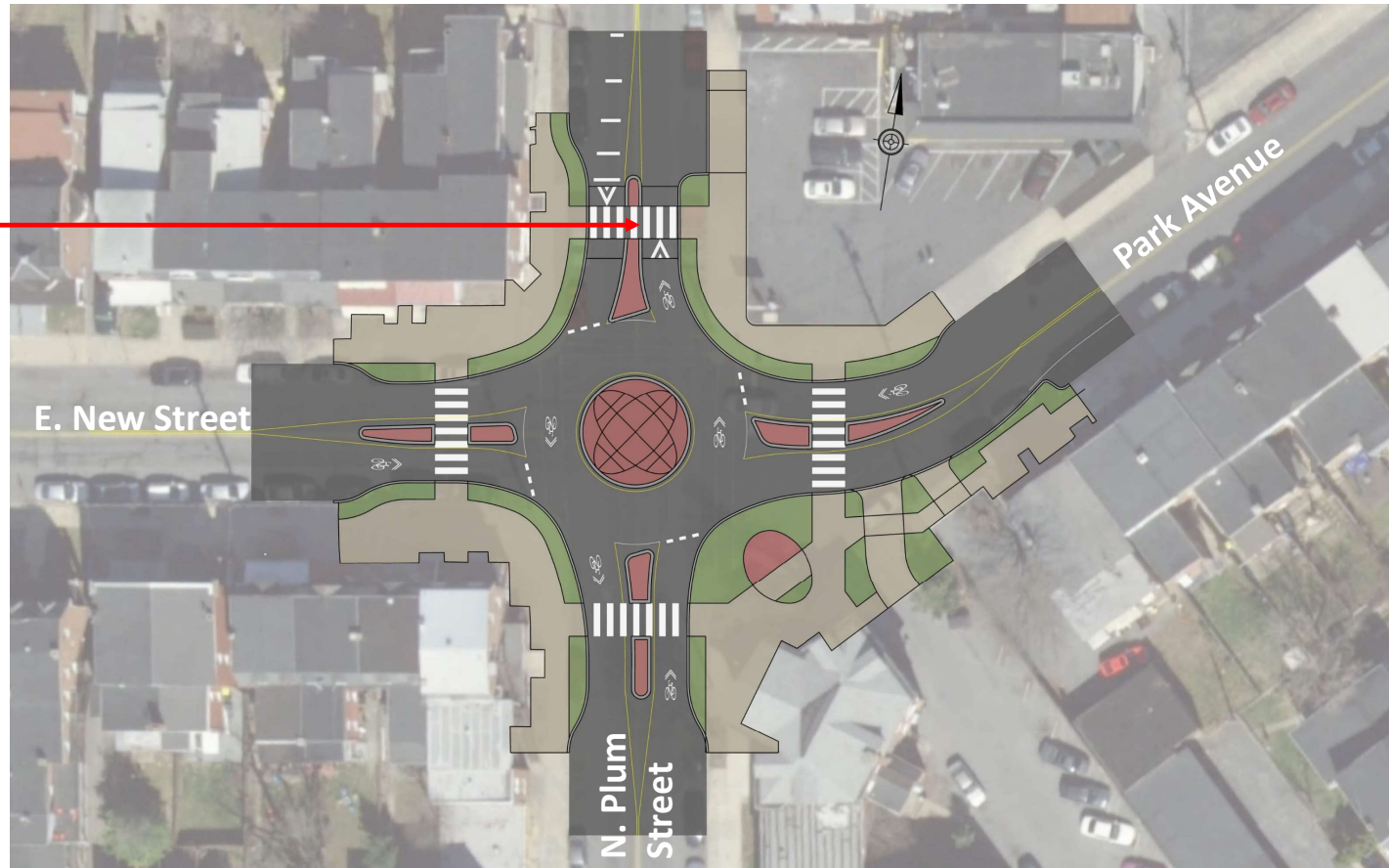
PROPOSED CONCEPT

Raised Crosswalk



COMMUNITY FEEDBACK:

Raised crosswalks on all intersection legs





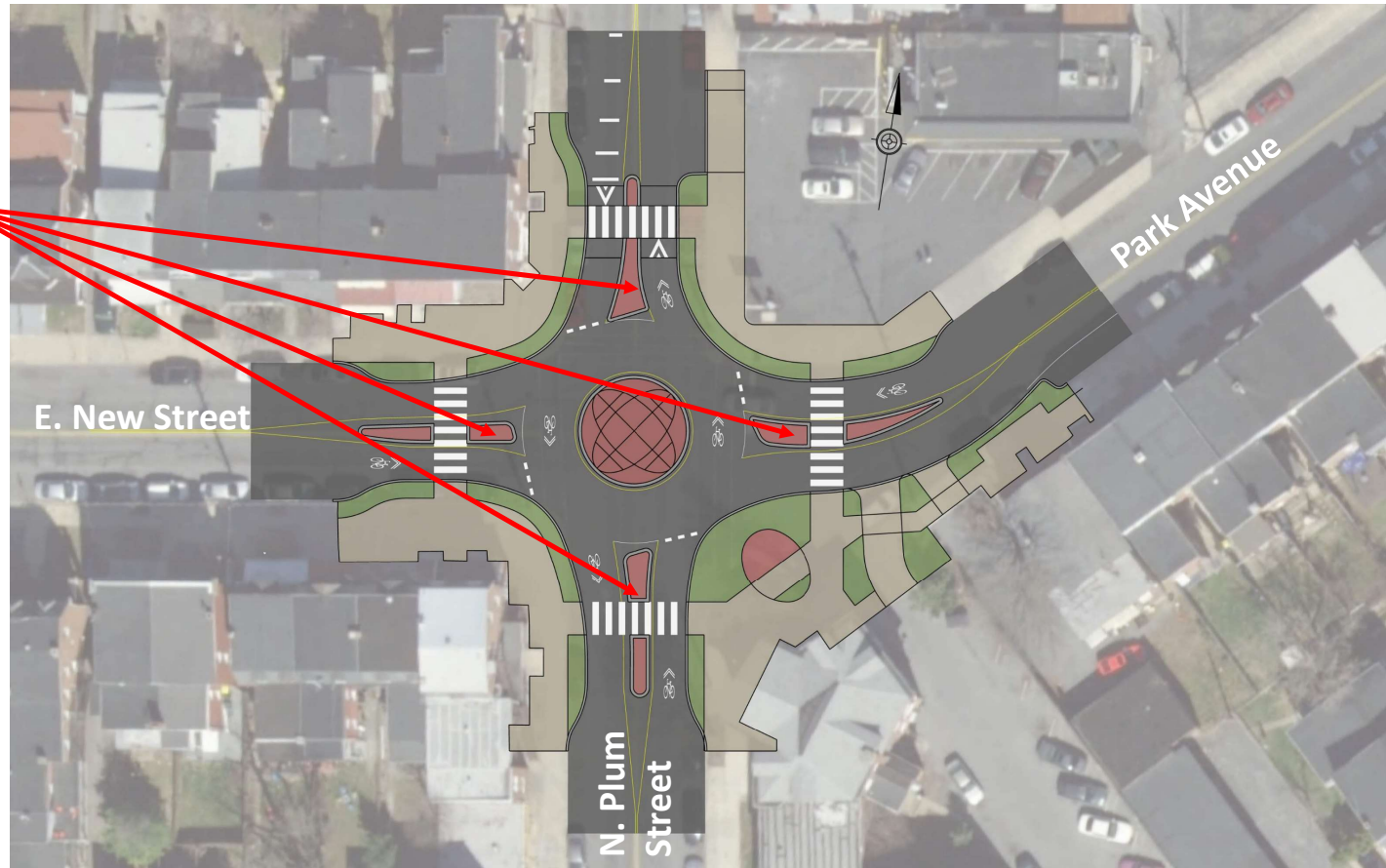
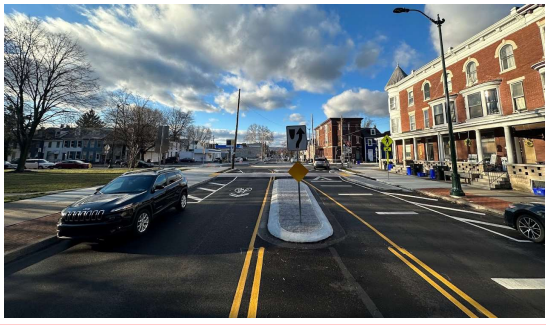
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PLUM STREET ROUNDABOUT

N. Plum St., Park Ave., & E. New St. Intersection

PROPOSED CONCEPT

Mountable Splitter Islands

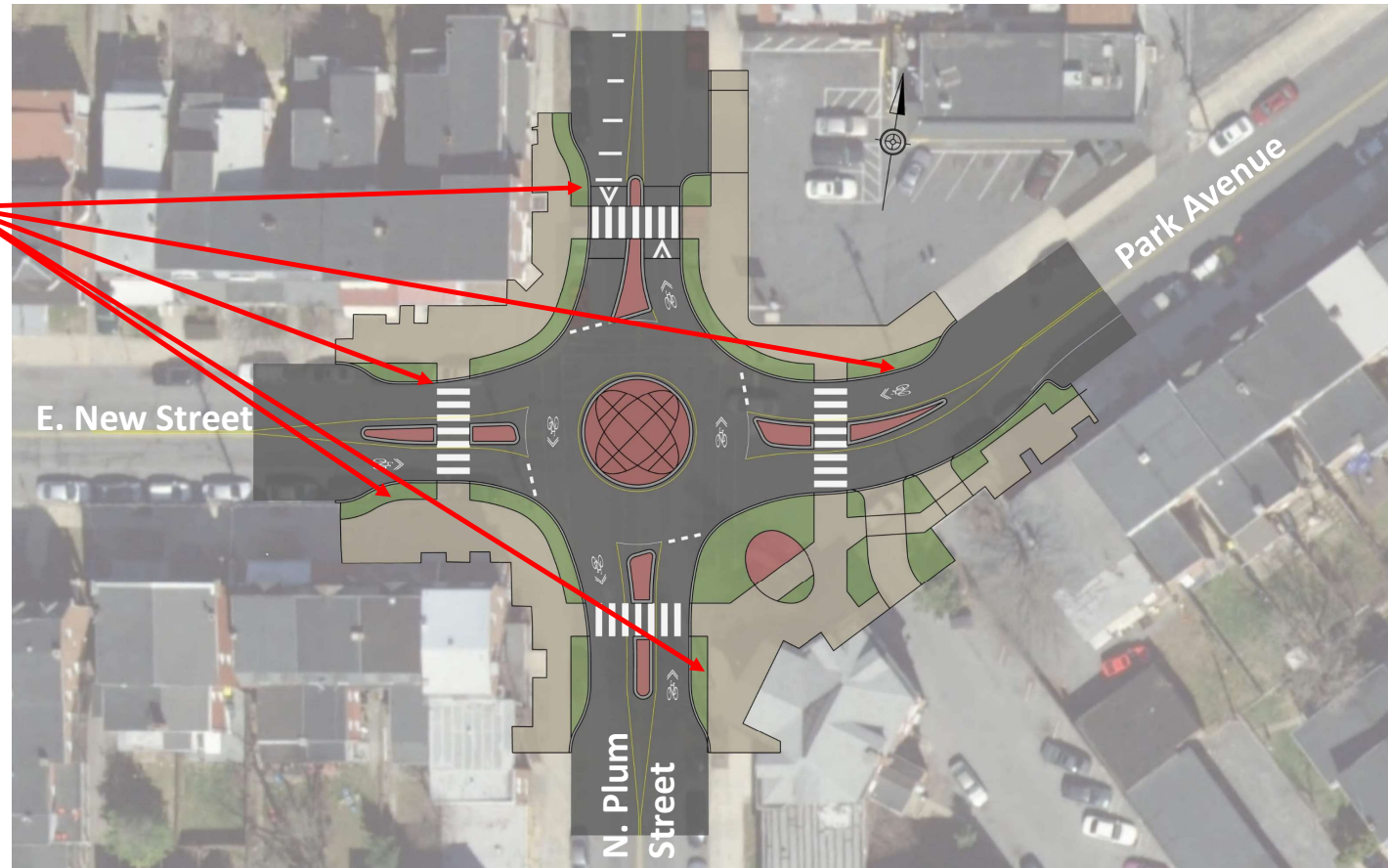


COMMUNITY FEEDBACK:

Provide raised splitter islands to better direct/slow traffic

PROPOSED CONCEPT

Curb Extensions



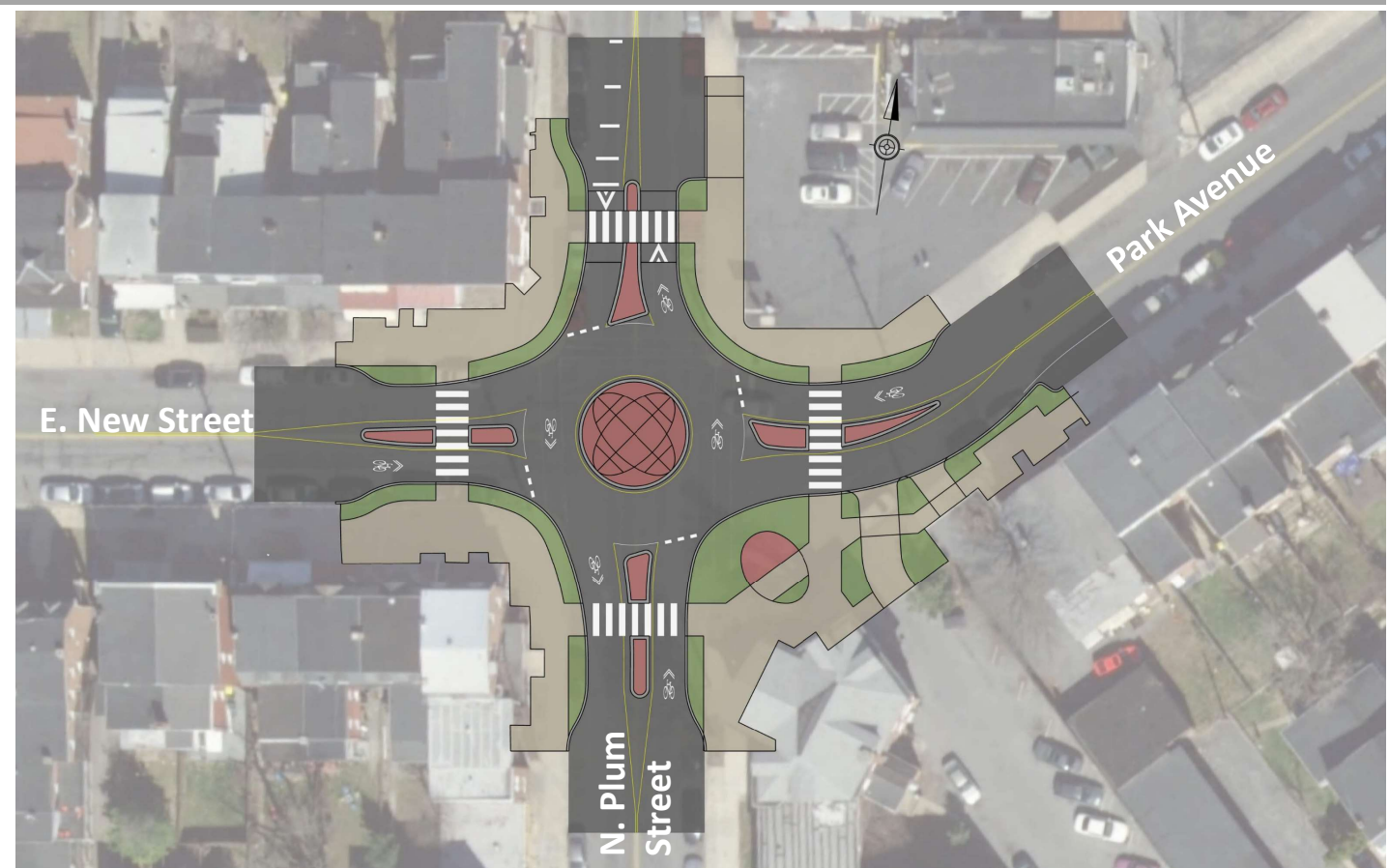
**COMMUNITY
FEEDBACK:**
Discourage illegal parking

PROPOSED CONCEPT

Street Lighting Enhancements + Signage



COMMUNITY FEEDBACK:
Improve intersection lighting; better direct traffic



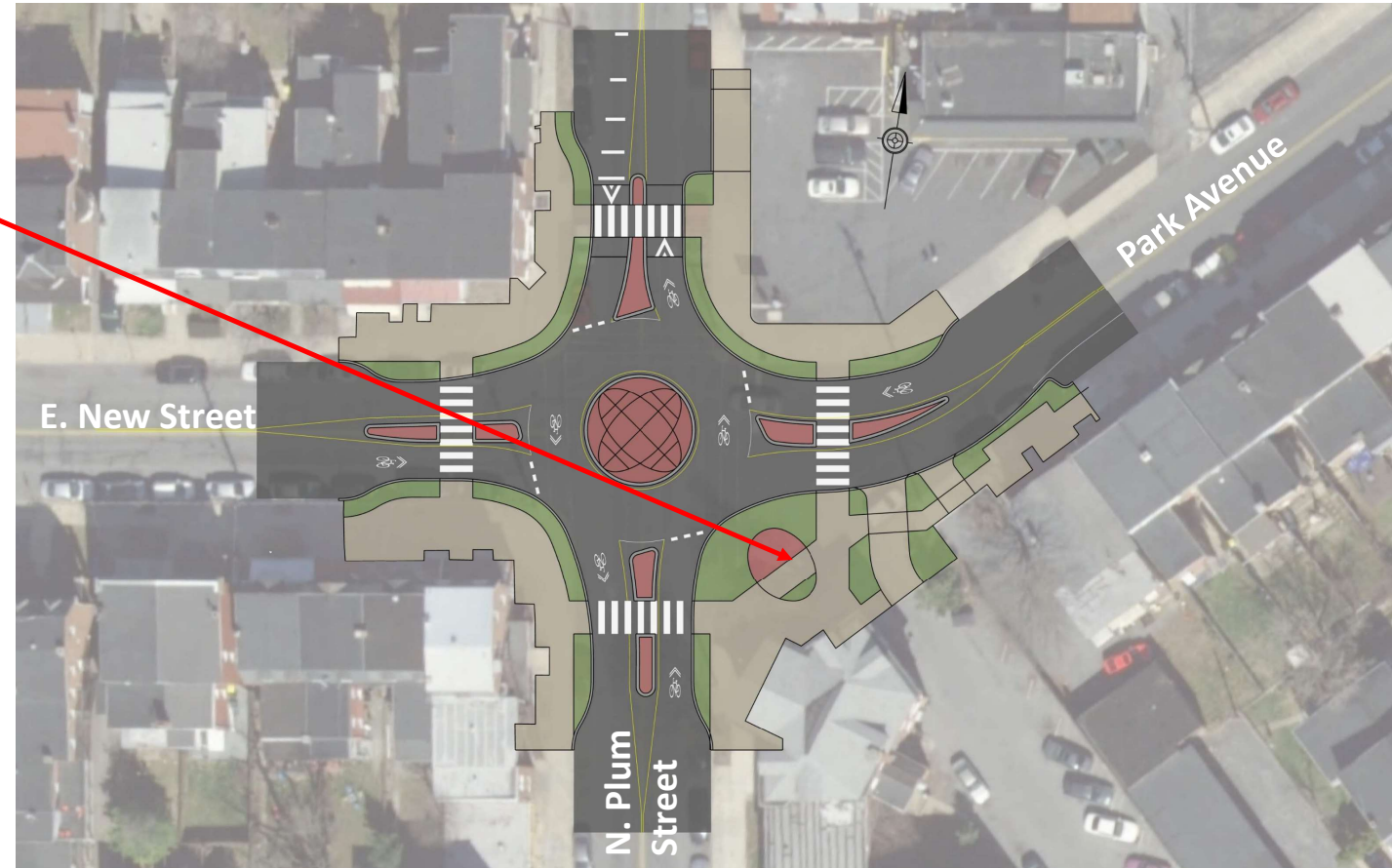
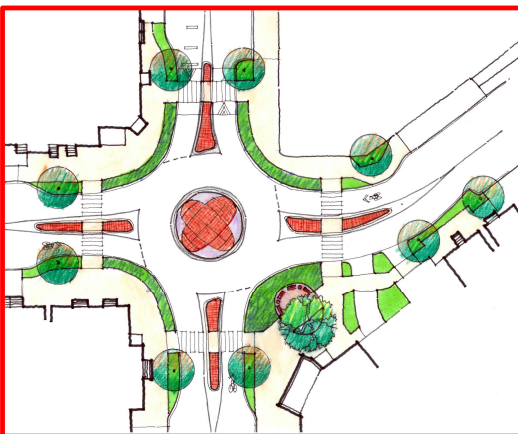


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PLUM STREET ROUNDABOUT

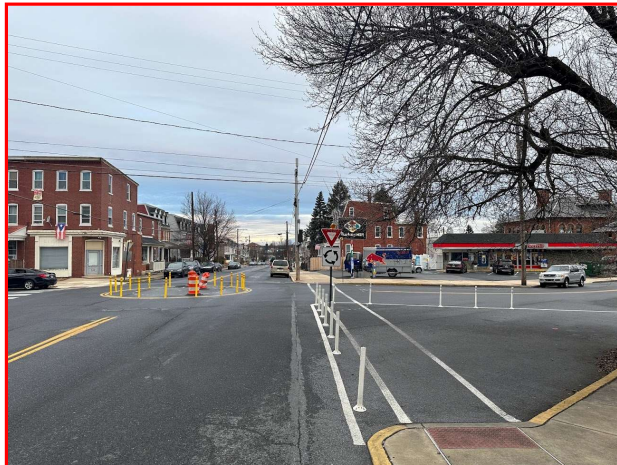
N. Plum St., Park Ave., & E. New St. Intersection

PROPOSED CONCEPT



COMMUNITY FEEDBACK:
Repurpose southeast corner for non-auto uses

PROPOSED CONCEPT RENDERING



Existing Conditions

Looking north on Plum Street towards
the intersection



Proposed Conditions

ACCOMMODATING LARGE VEHICLES



Passenger Vehicles:
All movements in lane



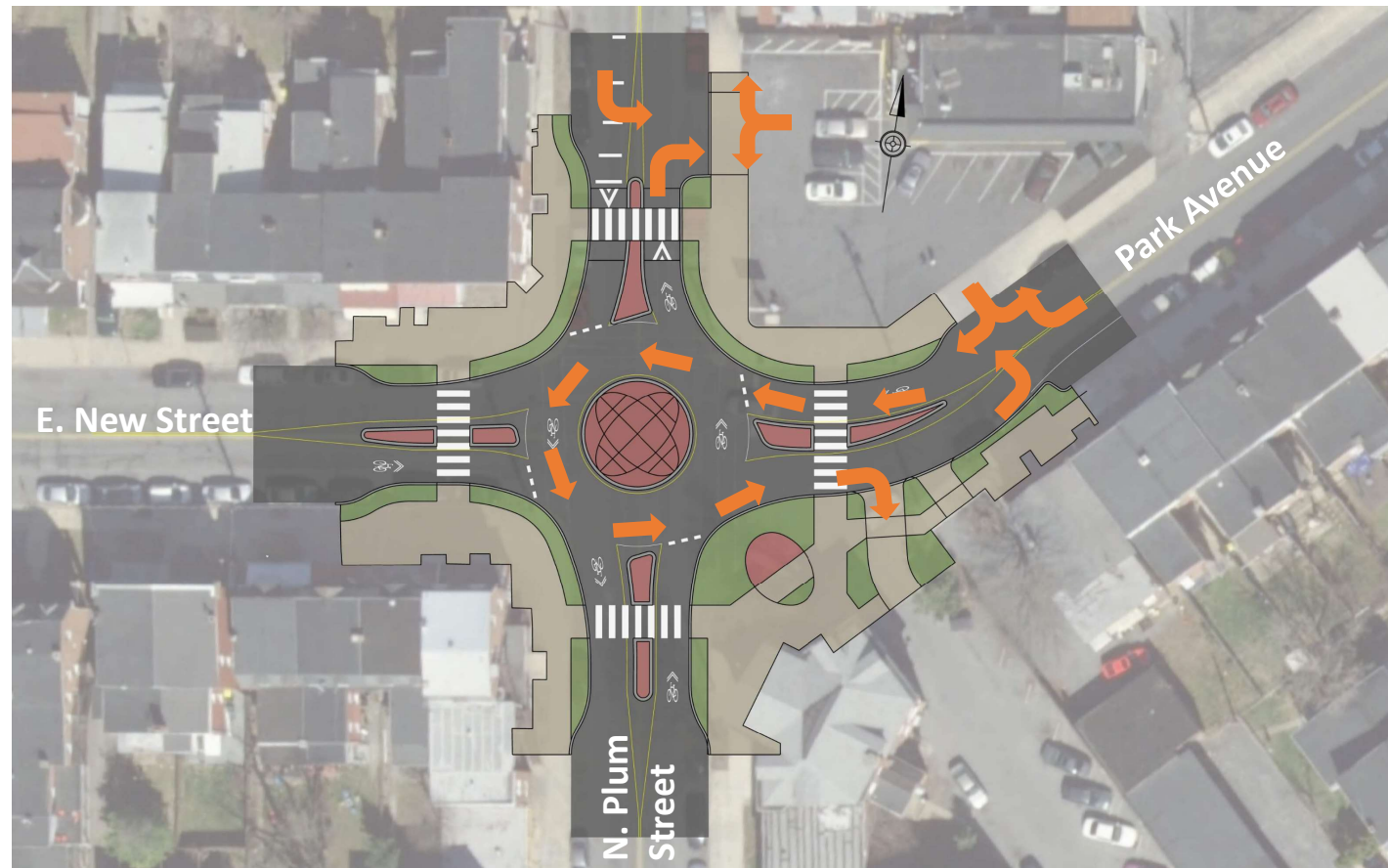
Box Trucks:
WB left turn from Park
Ave may use center
island



Buses:
EB left turn from New St
may use center island

SITE ACCESS

- Entering Turkey Hill
- Exiting Turkey Hill
- Entering Fulton Hotel





PARKING IMPACTS

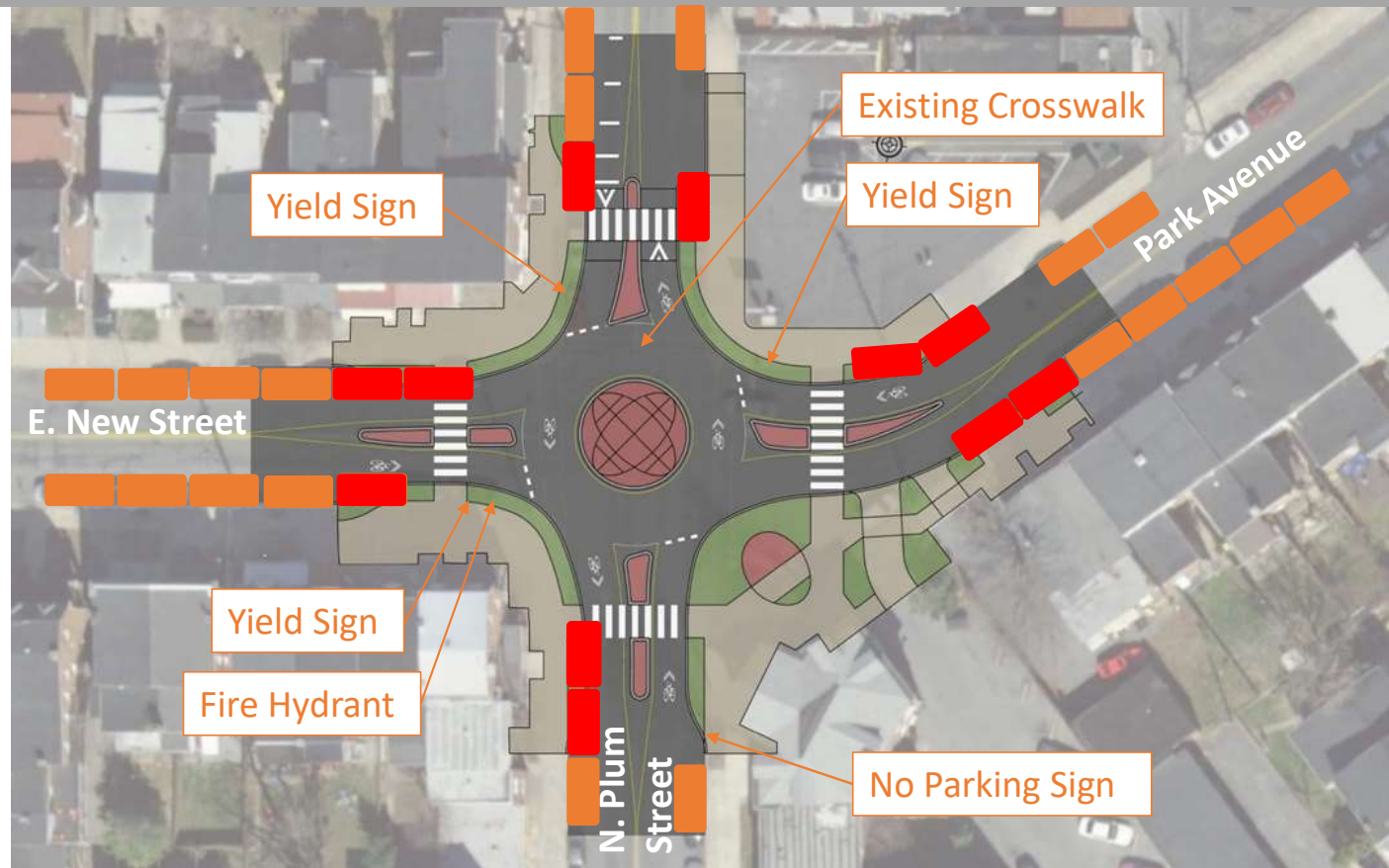
No Parking Requirements:

- 15' from a fire hydrant
- 20' of a Crosswalk
- 30' upon the approach to a Yield/Stop Sign

Legend:

-  Existing Parking Space
-  Removed Existing Parking Space

- 11 Existing Parking Spaces Removed



When poll is active, respond at pollev.com/lauraa161

Text **LAURAA161** to **22333** once to join

Does the concept address the concerns from the 2022 Visioning Session?

Yes

No

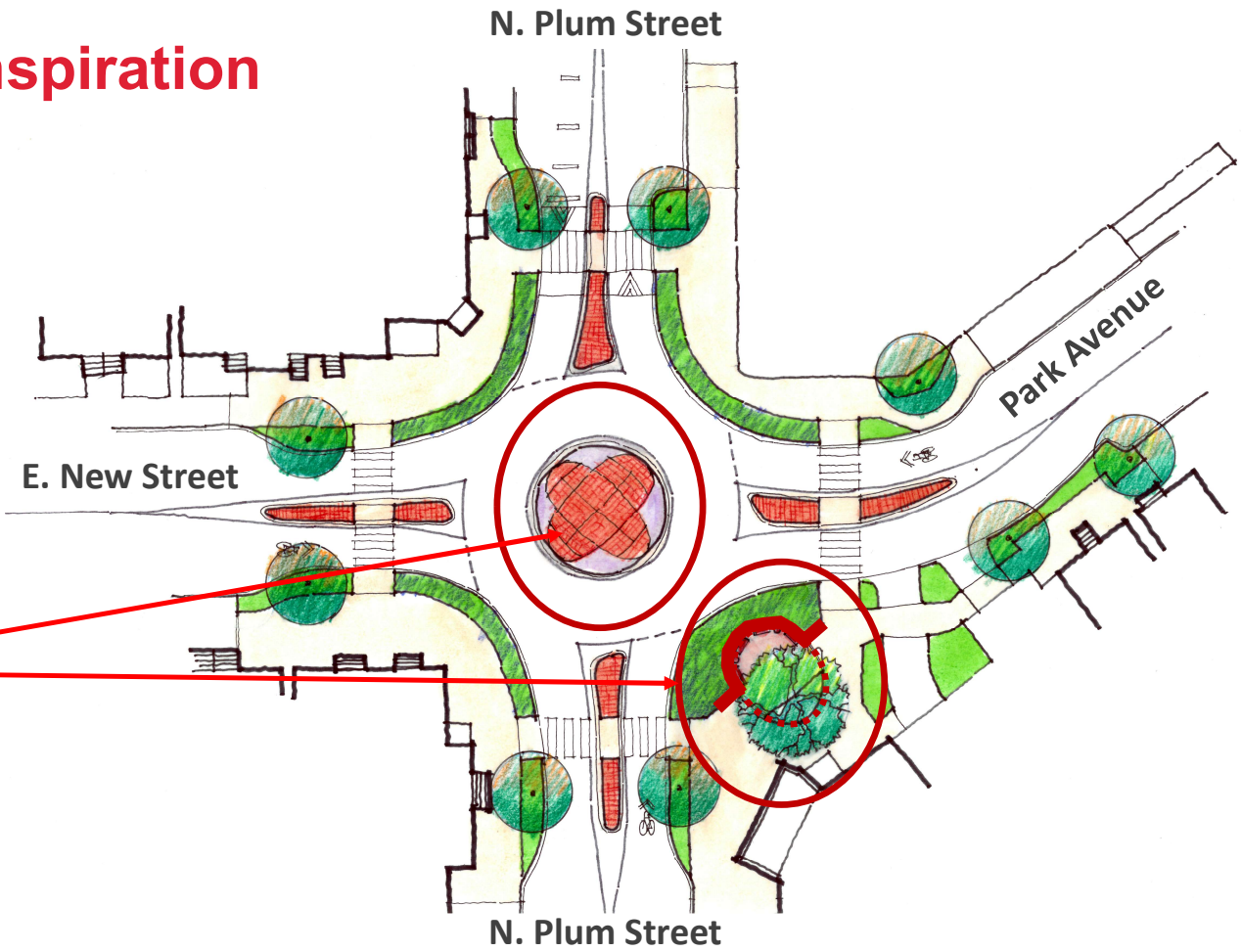
In Some Ways

Please share any additional feedback on the intersection concept.



Creating Public Space

PUBLIC SPACE: Design Inspiration





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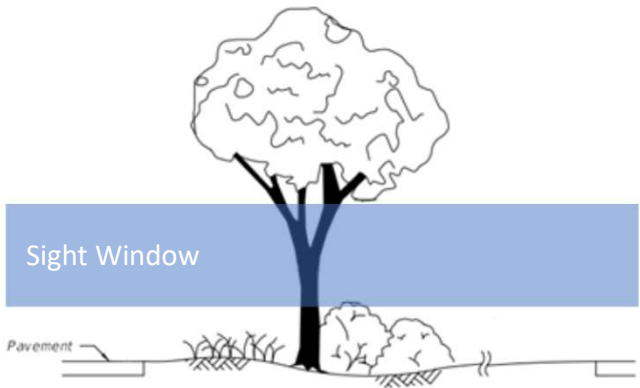
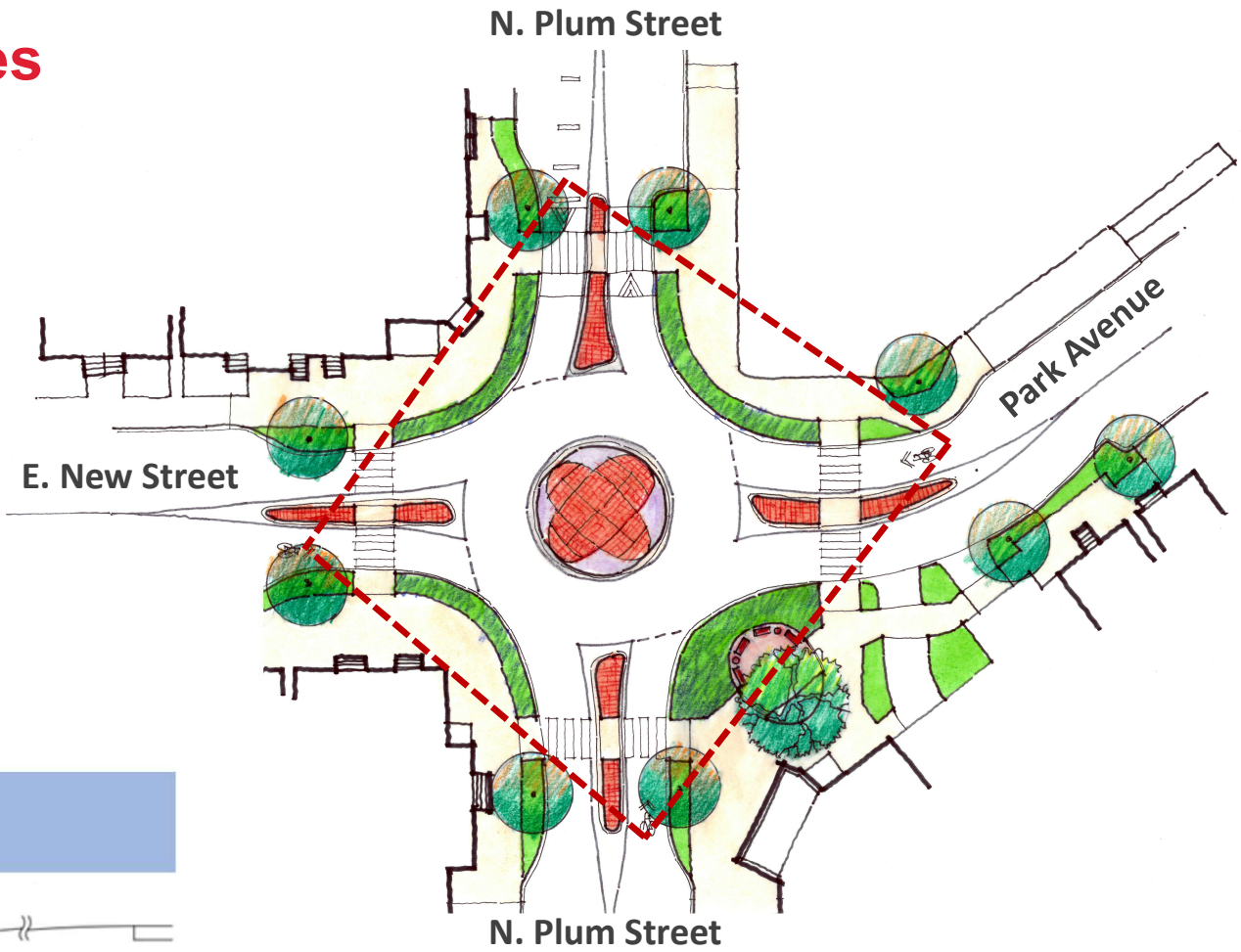
PUBLIC SPACE: Sight Lines

Outside the red dotted lines

- Clear of trees and other proposed obstructions to maintain sight lines to vehicles entering the roundabout AND pedestrians (especially children) using/at the crosswalks

Inside the red dotted lines

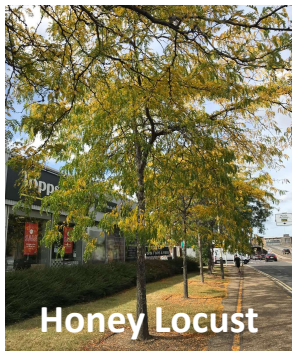
- Keep "sight window" clear of plant material to maintain sight lines for all users



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PUBLIC SPACE: Amenities



**Honey Locust
(8 New Trees)**



E. New Street



Stamped Concrete Pattern



N. Plum Street

N. Plum Street



Gabion Wall (Bench)



Rock Short Wall



**Shumard Oak
(Healthier Replacement)**

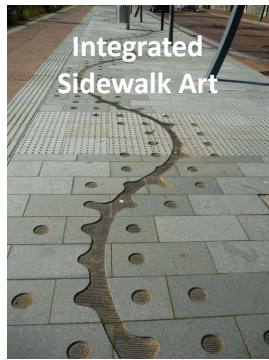
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PUBLIC SPACE: Art Opportunities



Integrated Sidewalk Art (Glass Insets)



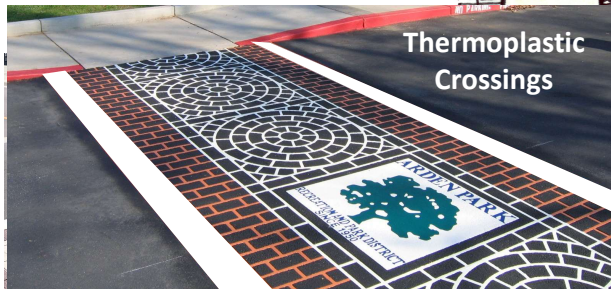
Integrated Sidewalk Art



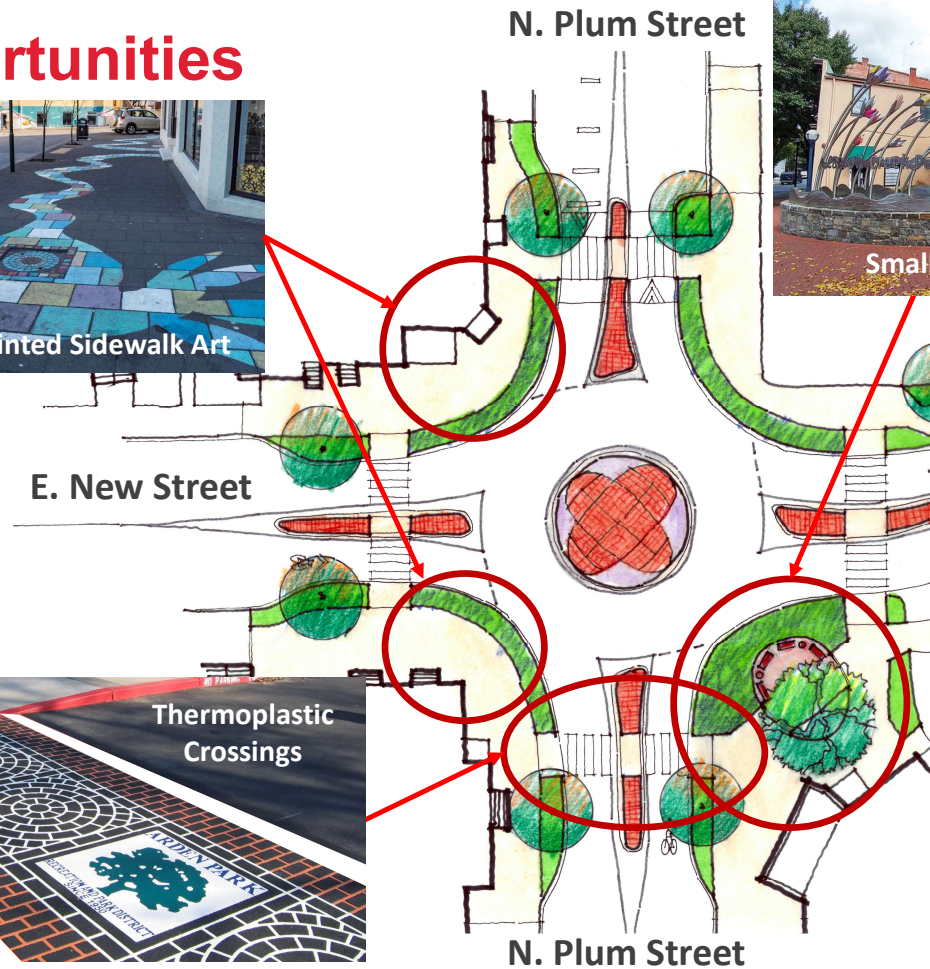
Painted Sidewalk Art



Paver Crossings



Thermoplastic Crossings



Small Scale Sculpture



Sculptural Mosaics



What kind of pattern do you prefer for the stamped concrete in the center island?

A

B

C

Other **D**

What amenities are most important to include in the plaza?

Trees and landscaping

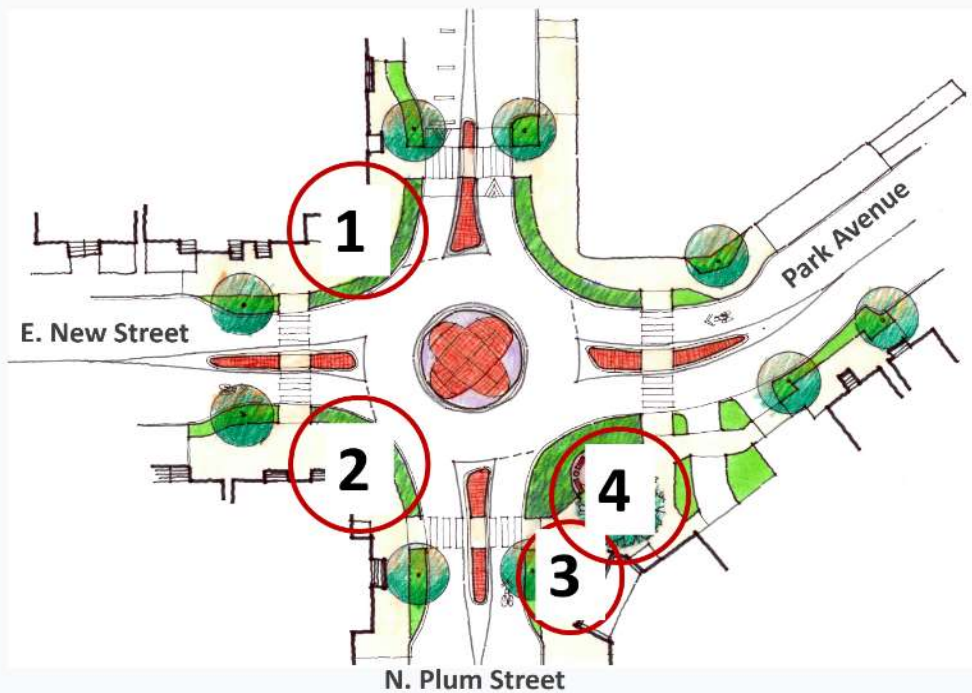
Seating

Trash cans

Public art

Other

What areas of the intersection would you most like to see public art?



Area 1

Area 2

Area 3

Area 4

Other

What type of public art are you most excited about incorporating into the intersection design?

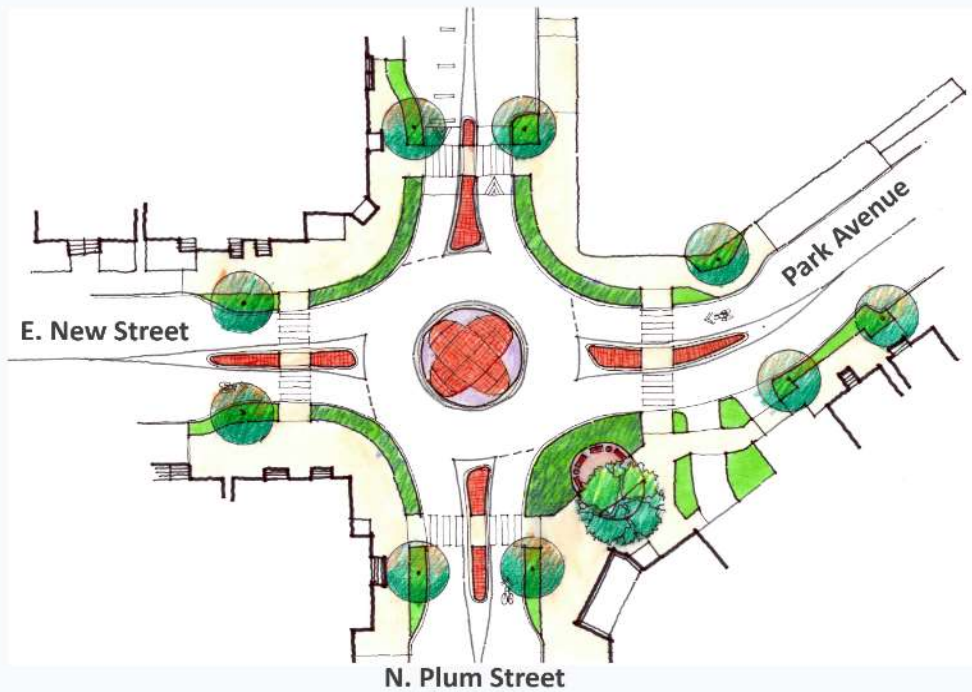
A

B

C

D

Please provide any additional feedback on the open space design



Next Steps:

- Collect public feedback
- Design revisions
- Final Design
- Construction



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N. Plum St., Park Ave., & E. New St. Intersection

CONTACT INFORMATION

Please visit the project website for general project information and to provide feedback on recommendations



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