



THIRD & FOURTH STREETS



2-WAY CONVERSION STUDY

JUNE 30, 2020



AMERICAN
STRUCTUREPOINT
INC.

MKSK

AGENDA

- 1 HOW TO PARTICIPATE IN THIS VIRTUAL MEETING
- 2 PROJECT BACKGROUND
- 3 HISTORY OF THE CORRIDORS
- 4 PROCESS
- 5 TRAFFIC RECOMMENDATIONS
- 6 COMPLETE STREET RECOMMENDATIONS
- 7 FINAL STEPS

HOW YOU CAN PARTICIPATE IN THIS VIRTUAL MEETING

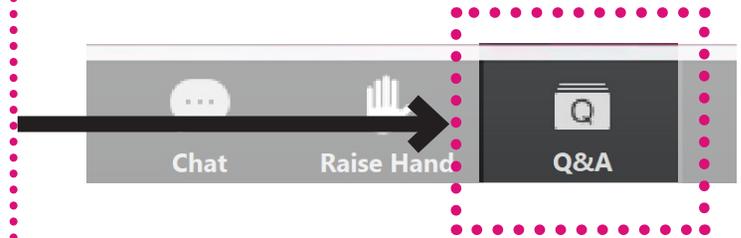
1 EMAIL QUESTIONS TO: **akowalski@mkskstudios.com**

OR

2 PARTICIPATE IN **ZOOM Q&A** FEATURE

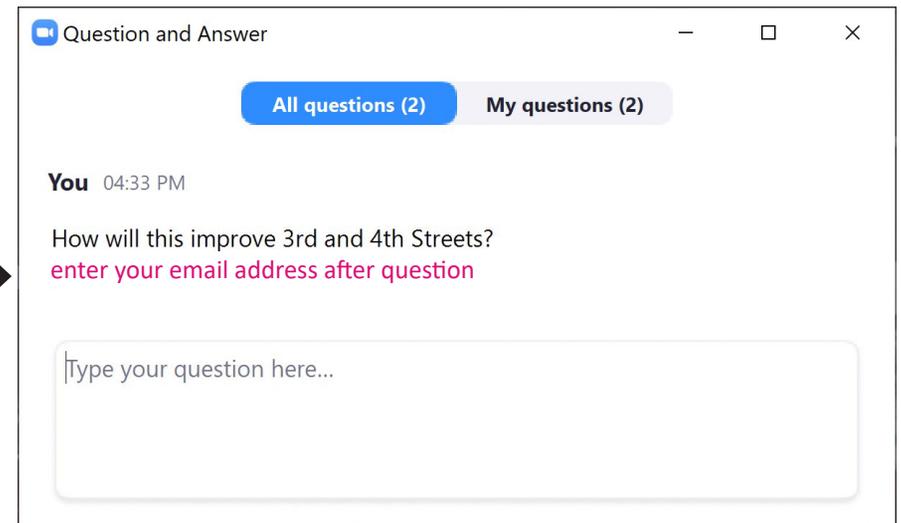
HOW TO USE THE ZOOM Q+A FEATURE

HOVER OVER THE BOTTOM OF YOUR SCREEN
AND CLICK THE **Q&A** BUTTON



THEN

FILL IN THE QUESTION BOX AND
INCLUDE YOUR EMAIL ADDRESS



HOW TO SEE ANSWERS TO YOUR QUESTIONS OR COMMENTS

CHECK THE THE CITY'S FACEBOOK PAGE: **@LafayetteIN**

THEN

CLICK ON THE **3rd and 4th Street Conversion** EVENT PAGE

The screenshot shows the Facebook interface for the event "Feasibility Study: Conversion of 3rd & 4th Streets to Two-Way". The event is scheduled for Wednesday, April 8, 2020, at 7:00 PM EDT. It is hosted by the City of Lafayette and is public. The event page includes a "Sign Up" button, an "Invite" button, and a "Show Map" button. A login modal is open over the event details, showing fields for "Email or Phone" and "Password", a "Log In" button, and a "Sign Up" button. The event page also shows a list of related events, including "2020 Lincoln Day Dinner", "TASTE of Tippecanoe", and "Business Expo 2020".

HOW TO SEE ANSWERS TO YOUR QUESTIONS OR COMMENTS

GO TO THE CITY'S ECONOMIC DEVELOPMENT WEBPAGE

www.lafayette.in.gov/187/Economic-Development

Create an Account - Increase your productivity, customize your experience, and engage in information you care about. Sign In

Government Services Our Community Business & Development How Do I... Transparency

Area Plan Commission
Bid Opportunities
Building and Development
Economic Development Forms and Applications
Current Projects
Economic Development Department
Greater Lafayette Commerce
Projects & News
Tax Abatement
Historic Preservation
Development and Investment Opportunities

Did You Know...
Our economic development department oversees various programs and opportunities to help businesses thrive, from assistance tools to training we are here to help local business succeed.

Economic Development
Guiding Growth
As our community moves from good to great, the city's economic development team serves as a ready resource for businesses and industries. Lending a hand in redevelopment and smart growth also headlines activities.

Among the city's economic development activities:

- Programs that nurture and guide city growth
- Opportunities that encourage innovation and startups
- Assistance with site selection, zoning matters, financial incentives and other areas
- National and international outreach
- Guidance for those planning developments or redeveloping properties

Quick Links
[TIF: Moving at the Speed of Business](#)

Contact Us
Dennis Carson
Director
"Lafayette supports entrepreneurs, startups, new and expanding businesses and industries. We play a vital role in helping them add to our economic vitality, as well as guiding redevelopment activities." - Dennis Carson, Economic Development Director

[Enable Google Translate](#)

<https://www.lafayette.in.gov/35/Business-Development>

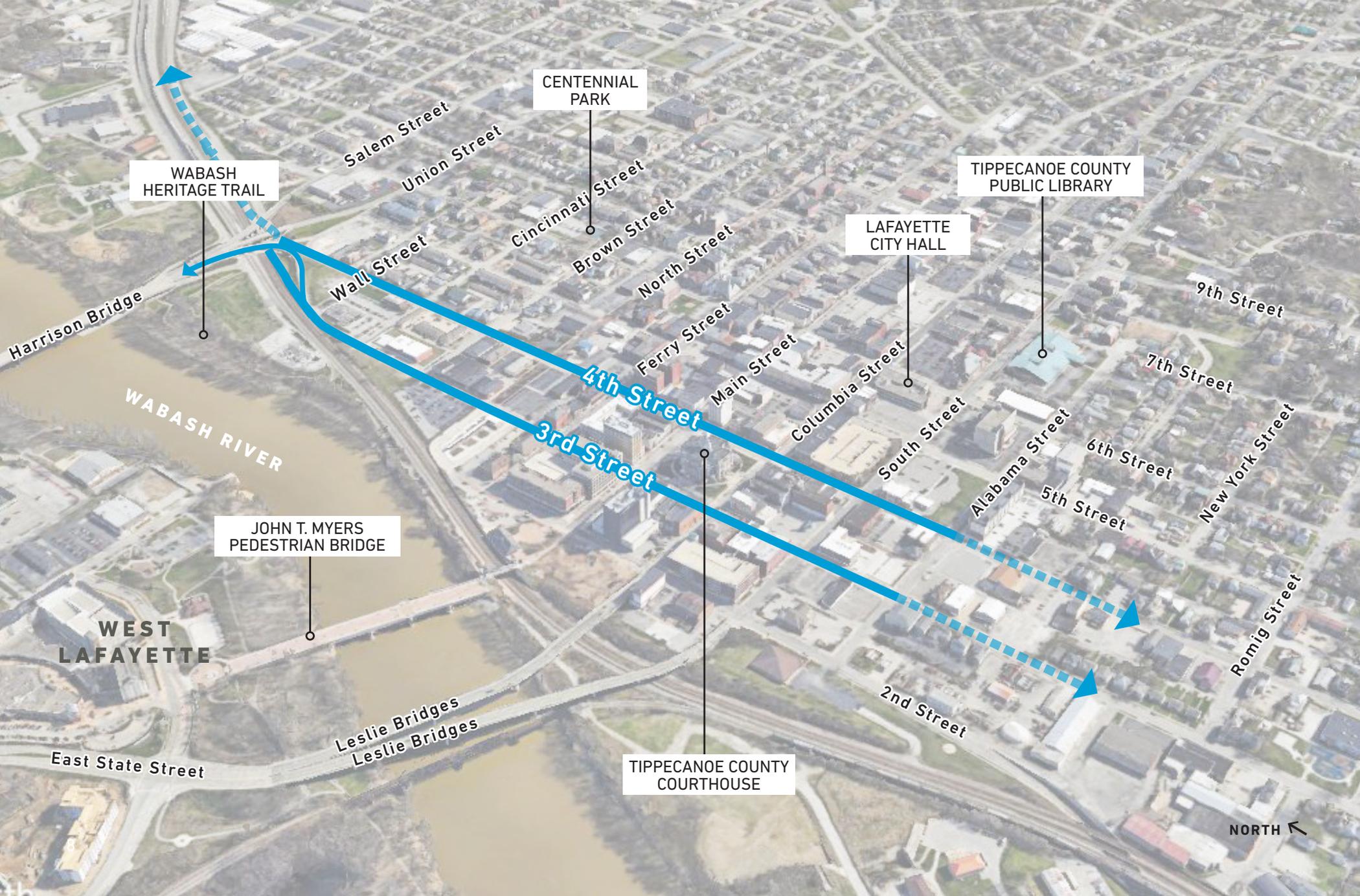
CLICK QUICKLINKS



PROJECT BACKGROUND

OUR STUDY AREA

- EXISTING TWO-WAY STREETS
- EXISTING ONE-WAY STREETS

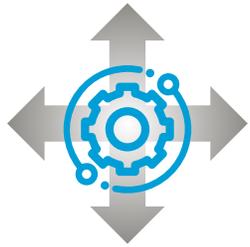


WHAT WE'RE STUDYING



The feasibility of converting 3rd and 4th Streets in Downtown from one-way to two-way streets.

(from Union Street to Alabama Street)



Conceptual configurations of the Union Street / 3rd Street / 4th Street area.



Short-term and long-term placemaking opportunities along 3rd and 4th Streets.

THE BENEFITS OF ONE-WAY TO TWO-WAY CONVERSIONS

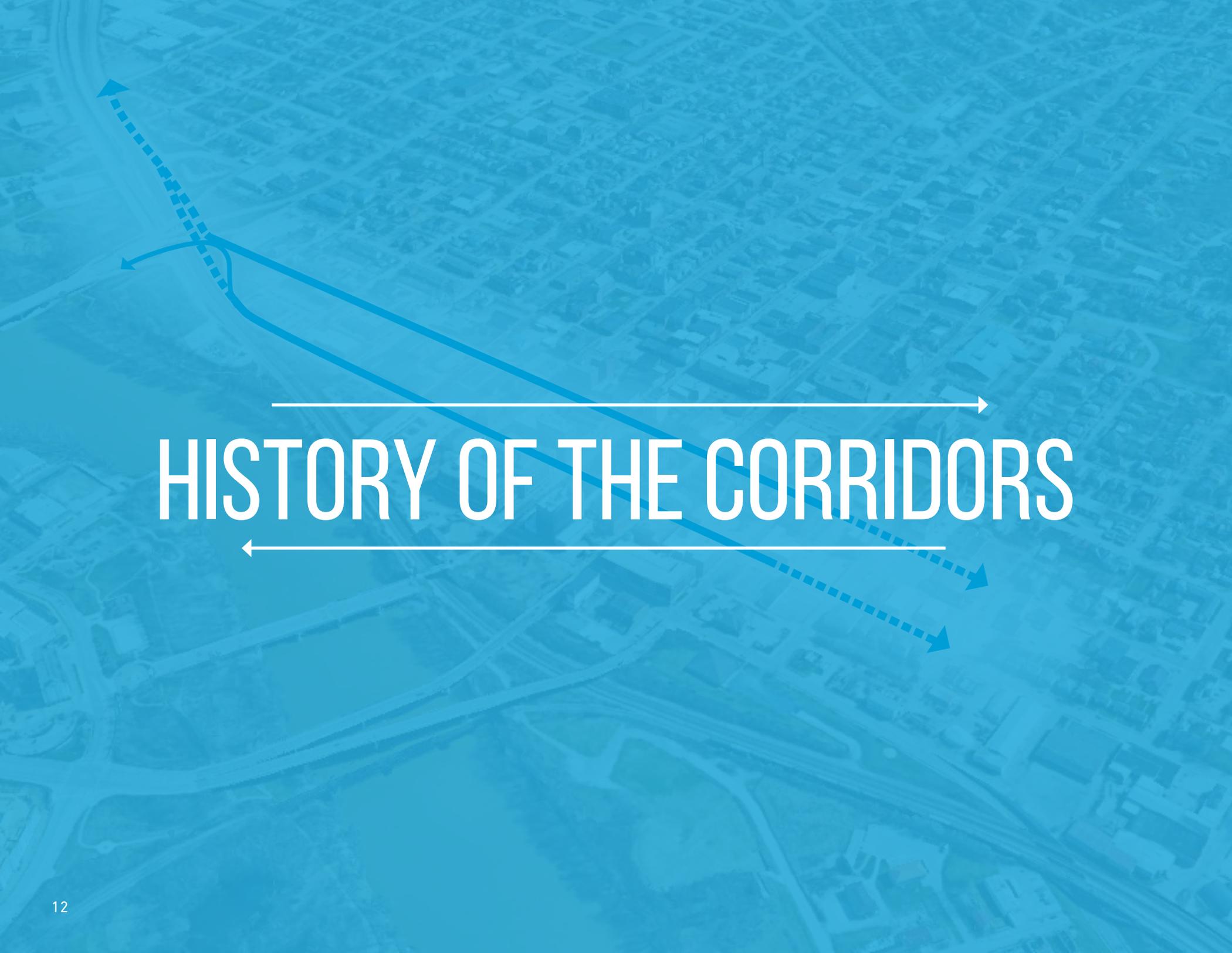
TWO WAY STREETS IN DOWNTOWN ENVIRONMENTS...

- Result in safer traffic speeds
- Reduce confusion for drivers
- Provide easier access and wayfinding for residential areas and businesses, which promotes activity and vibrancy
- Decrease vehicle miles traveled by eliminating indirect routes to destinations
- Result in safer pedestrian conditions and create livable, flexible streets
- Encourage new development



A CASE STUDY: MAIN STREET





HISTORY OF THE CORRIDORS

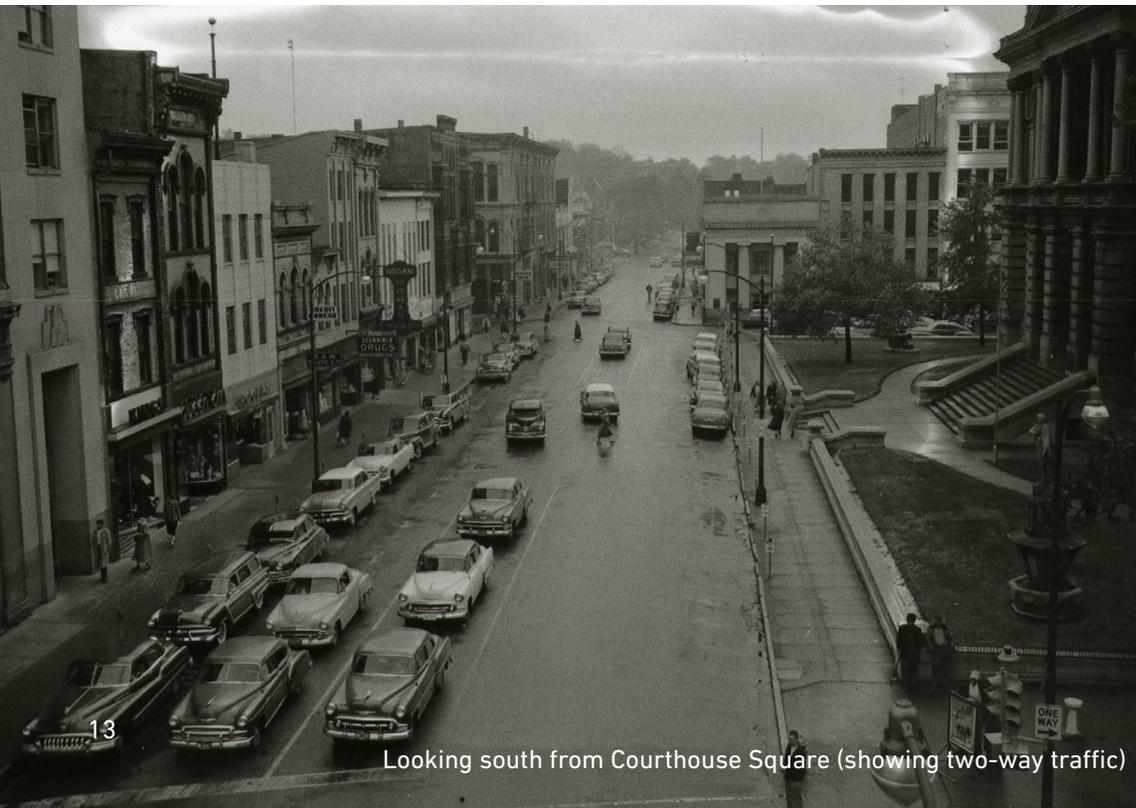
FOURTH STREET



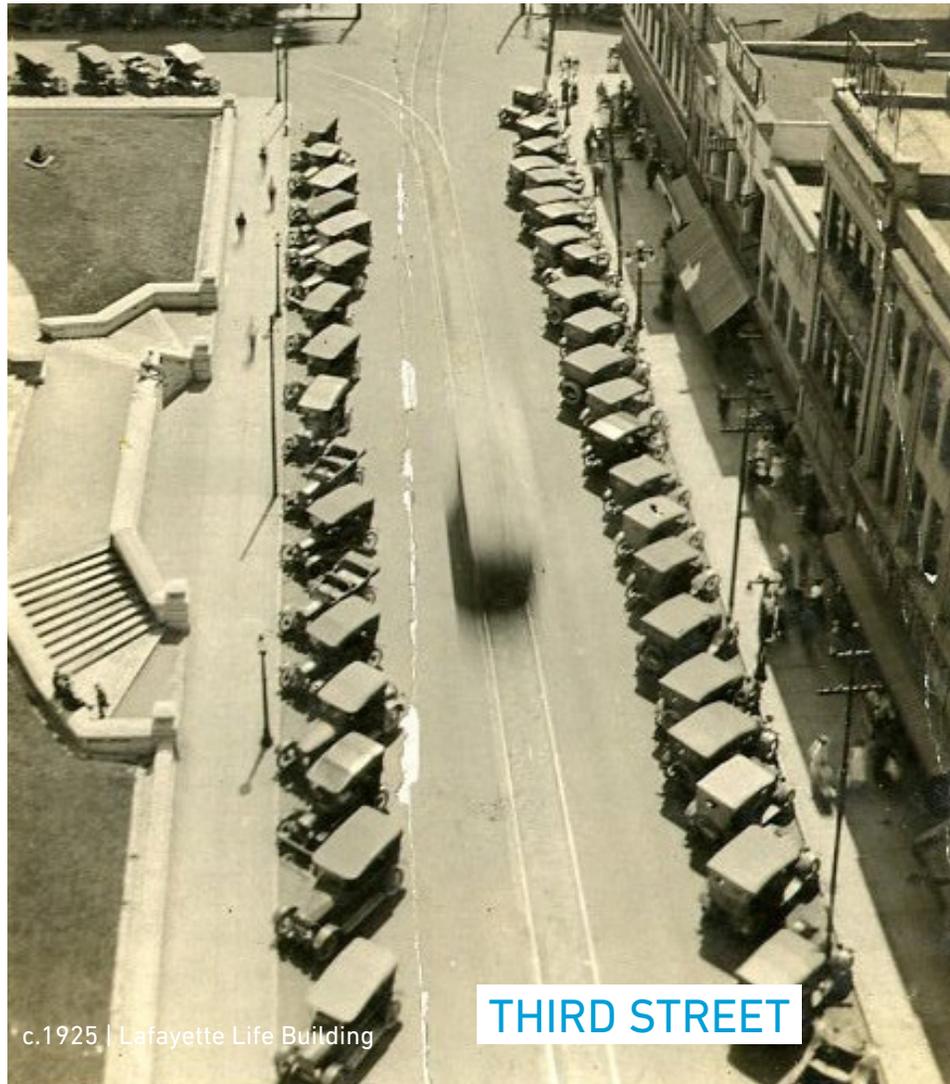
c.1938



Looking north (current Fountain Trust Company building at lower right)



Looking south from Courthouse Square (showing two-way traffic)



c.1925 | Lafayette Life Building

THIRD STREET

The background is a semi-transparent blue overlay on an aerial photograph of a city grid. A solid blue line starts from the top left, curves down, and then extends diagonally towards the bottom right. A dashed blue line follows a similar path but is positioned slightly above and below the solid line. Two white horizontal arrows are centered on the page: one pointing to the right above the word 'PROCESS' and one pointing to the left below it.

PROCESS

CONSULTANTS



AMERICAN
STRUCTUREPOINT
INC.

MKSK

TRAFFIC ENGINEERING

Traffic Counts & Analysis
Concept Alternatives
Potential Impacts & Feasibility
Mobility

PLANNING & URBAN DESIGN

Public Engagement
Public Realm Design
Placemaking
Multimodal Integration

STUDY TASKS & ENGAGEMENT STRATEGY

MARCH 2020

JULY 2020

Existing Conditions Analysis

- Review other relevant documents/information
- Conduct site visit to collect existing roadway geometric data & observe existing peak hour traffic operations
- Perform traffic counts of typical weekday vehicular traffic operations
- Perform vehicle capacity (Level-of-Service) analysis

Conceptual Alternatives Development

- Develop conceptual alternatives for typical cross sections for 3rd & 4th Streets
- Develop preliminary conceptual road and bridge configurations for the Union/3rd/4th area
- Develop conceptual study of short-term and long-term placemaking opportunities for 3rd & 4th Streets

Feasibility & Final Concepts

- Analyze feasibility of conceptual alternatives based on traffic analysis and redistribution, utilities, mobility, and urban design/development impacts
- Refine alternatives into final configuration and cross sections concepts
- Develop cost evaluation for roadway improvements, reconfiguration, and public realm design elements

ENGAGEMENT

- Project Steering Committee Meetings (3)
- Stakeholder Sessions
- Public Meetings (2)

The background is an aerial photograph of a city street grid, overlaid with a semi-transparent blue filter. A solid blue line with arrowheads at both ends runs diagonally from the top-left towards the bottom-right. A dashed blue line follows a similar path but is positioned slightly higher and lower than the solid line. Two white horizontal arrows are positioned above and below the main text, pointing in opposite directions.

TRAFFIC RECOMMENDATIONS

EXISTING AND REDISTRIBUTED TRAFFIC VOLUME

- Legend**
- ① Study Intersection
 - XXXX Approximate ADT
 - Flow Direction



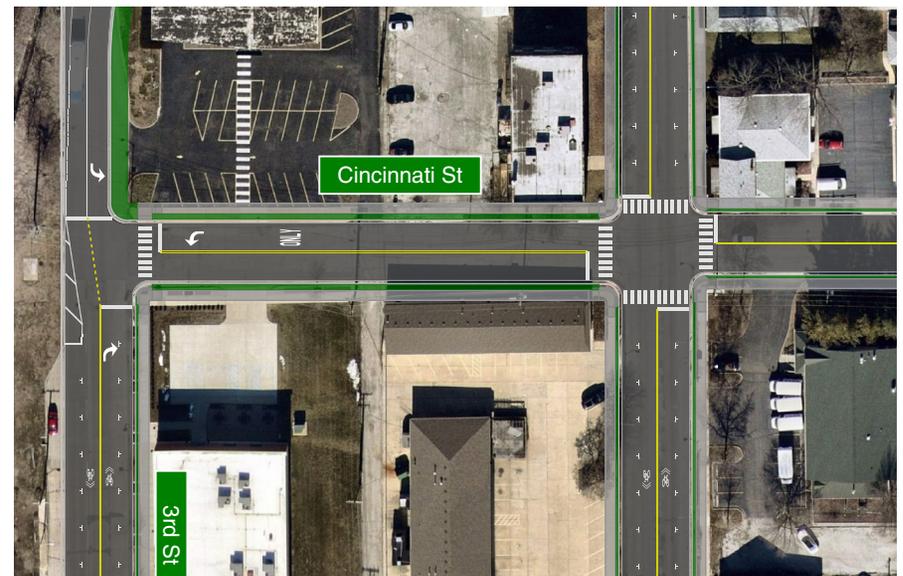
EXISTING TRAFFIC VOLUMES



REDISTRIBUTED TRAFFIC VOLUMES

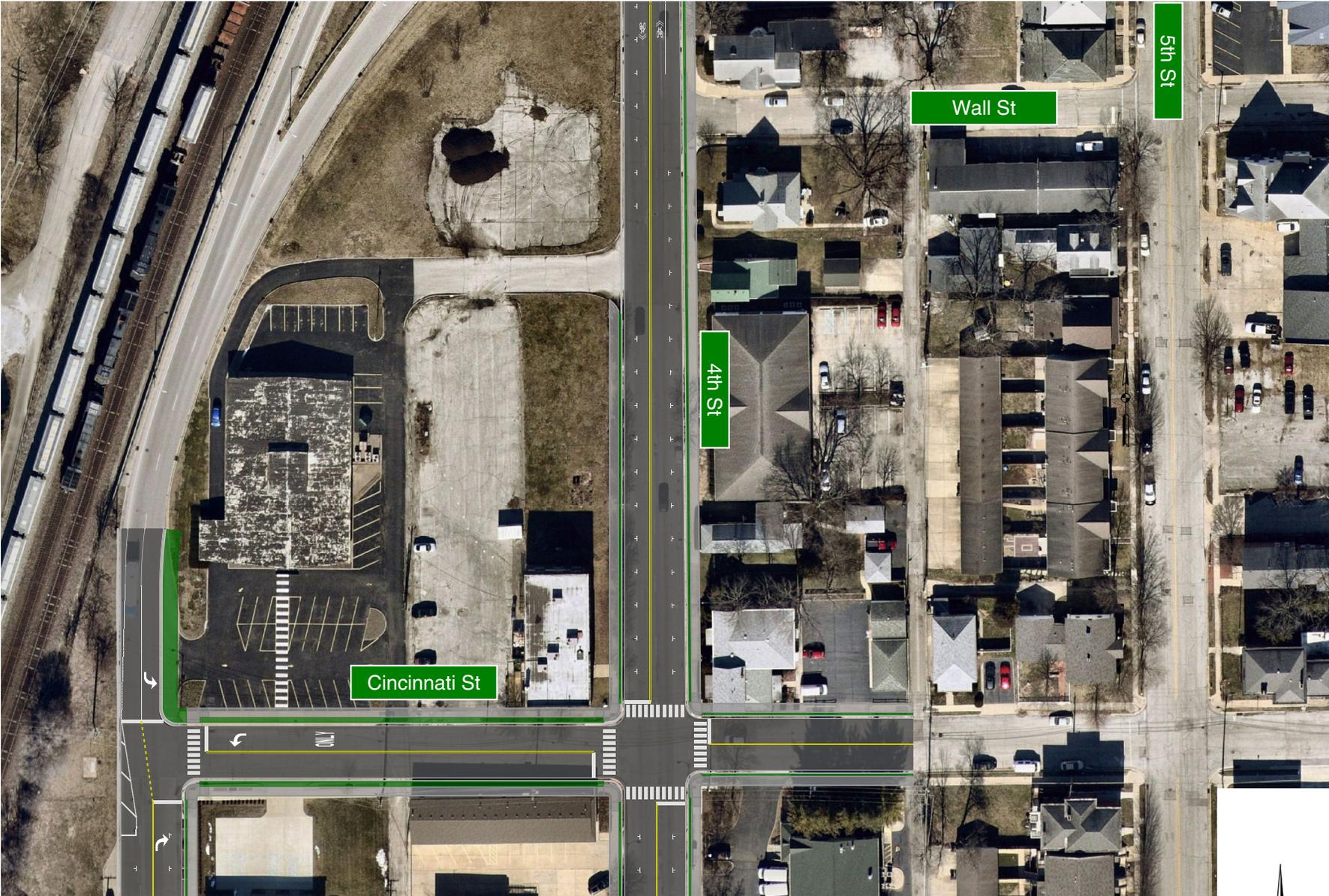
CONCEPTUAL RECONFIGURATIONS

NORTHERN TERMINUS - INITIAL / LOW IMPACT PHASE



CONCEPTUAL RECONFIGURATIONS

3RD AND 4TH STREET AT CINCINNATI STREET



CONCEPTUAL RECONFIGURATIONS

4TH STREET AT UNION STREET - INITIAL



CONCEPTUAL RECONFIGURATIONS

4TH STREET AT UNION STREET - FUTURE



CONCEPTUAL RECONFIGURATIONS

3RD STREET - FERRY TO NORTH



CONCEPTUAL RECONFIGURATIONS

3RD AND 4TH STREET AT ALABAMA STREET





COMPLETE STREET RECOMMENDATIONS

STREETS FOR EVERYONE

DISSECTING MAIN STREET



TRAFFIC CONTROL

SIDEWALK ZONE

BICYCLE PARKING

BIOSWALES/
RAIN GARDENS

BUMP-
OUT FOR
OUTDOOR
DINING

ON-STREET
BIKE FACILITIES
"SHARROWS"

AMENITY AREAS FOR
BENCHES AND TRASH
RECEPTACLES

PUBLIC
ART

STREET TREES

ON-STREET
PARKING

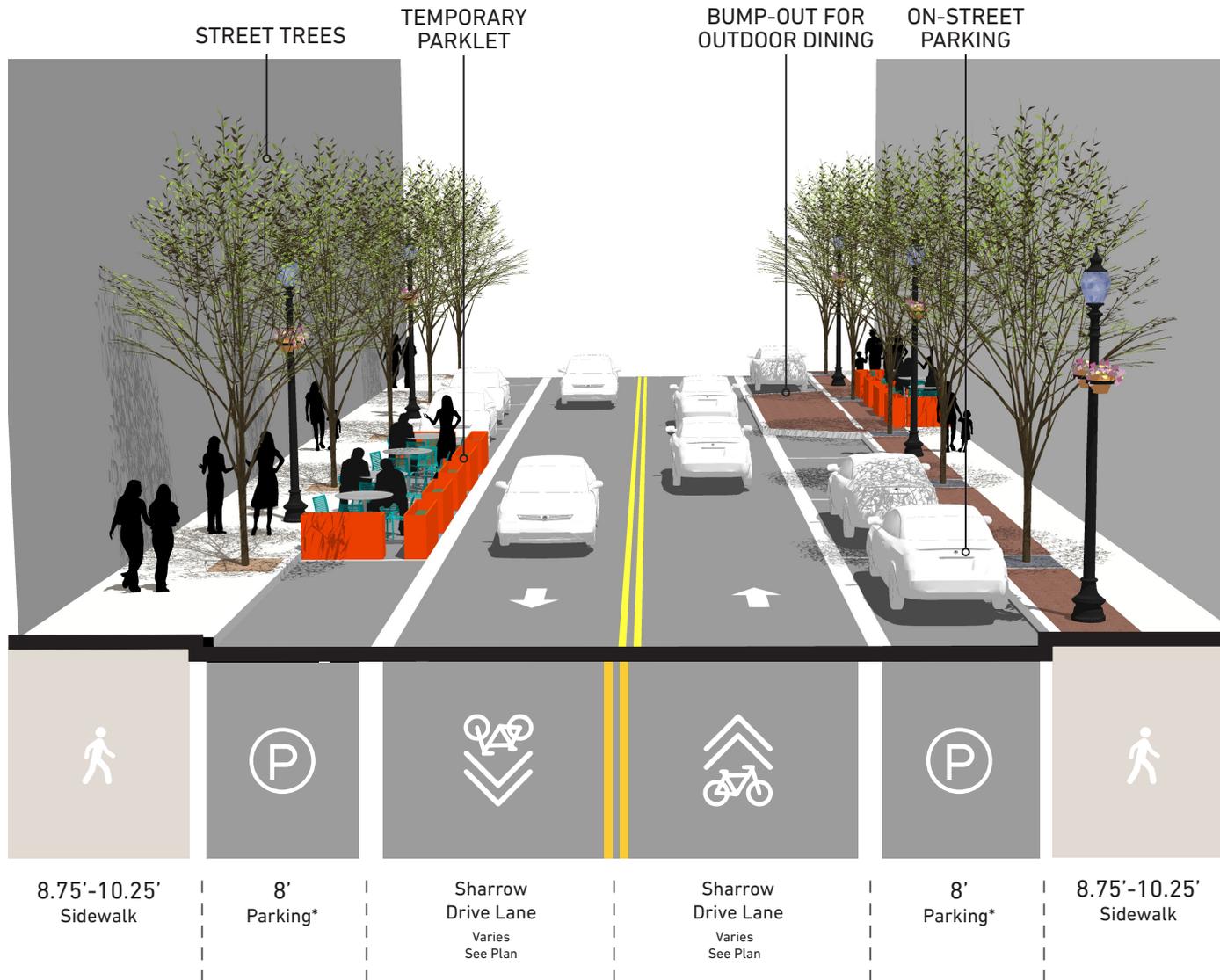
ACTIVE GROUND FLOOR
COMMERCIAL/RETAIL

CROSSWALKS

SPEED
LIMIT
25

THIRD STREET

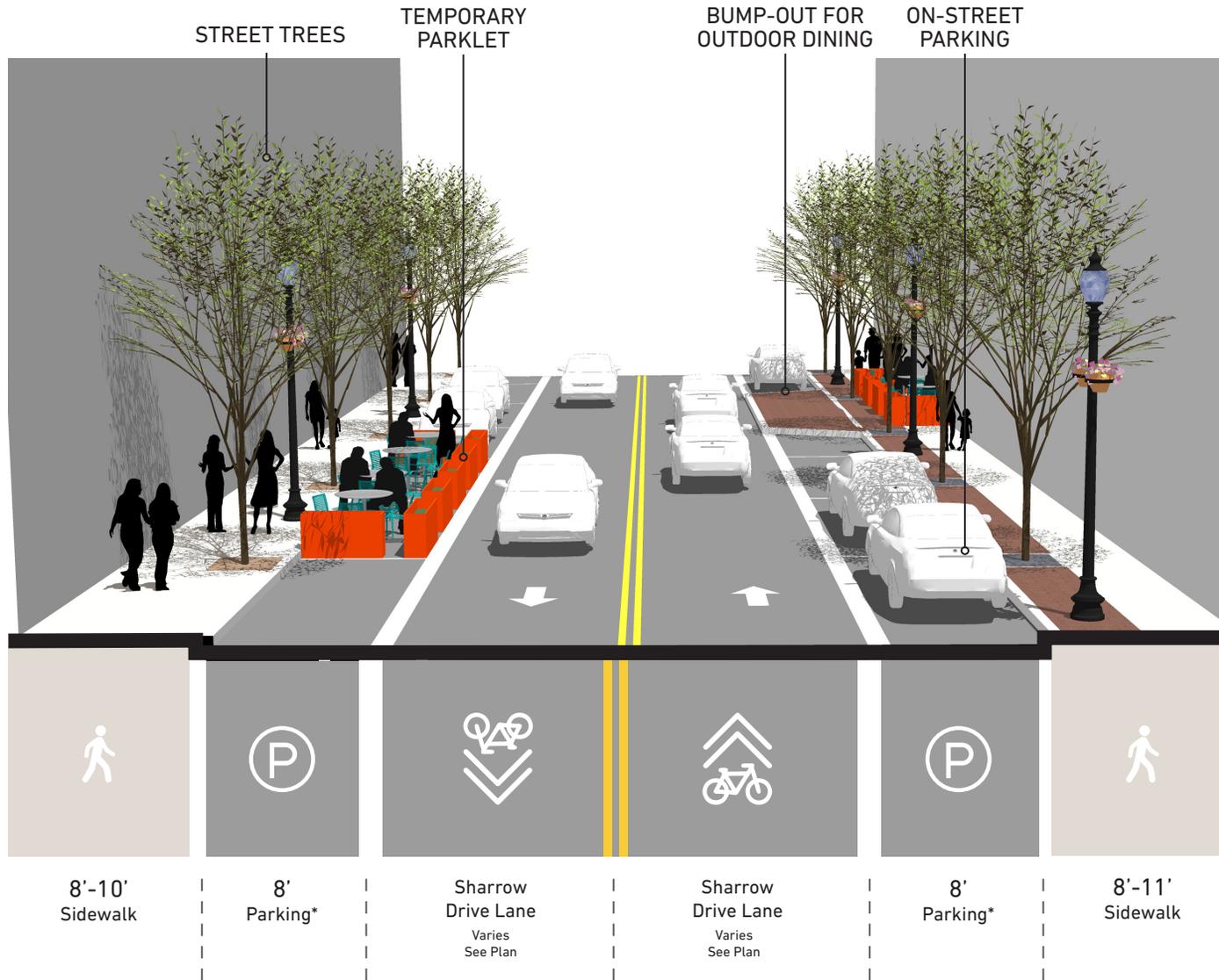
PARKING ON BOTH SIDES AND SHARROWS: POSSIBLE NOW



*On-Street parking may be used as flexible pick-up/drop-off zones in certain locations

FOURTH STREET

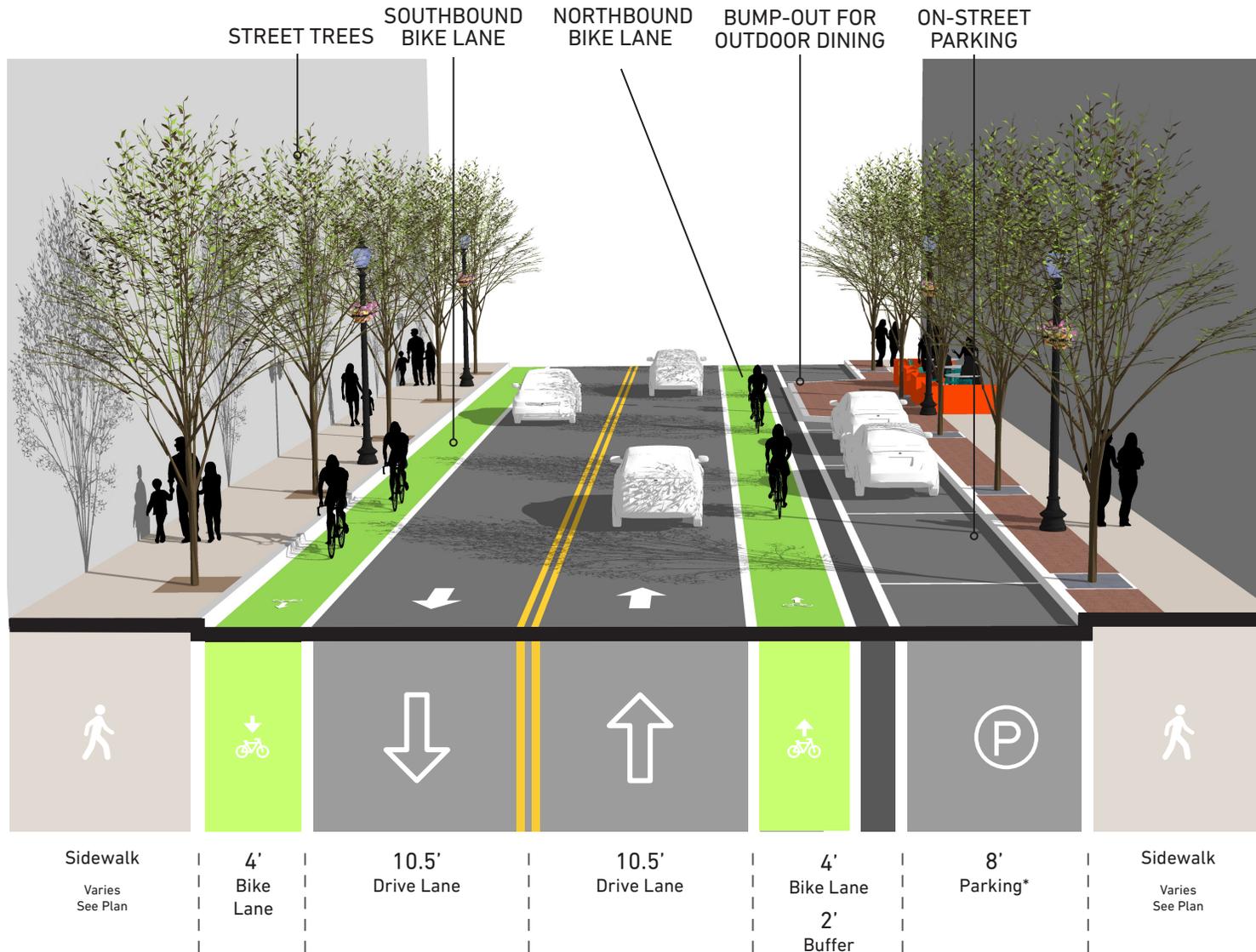
PARKING ON BOTH SIDES AND SHARROWS: POSSIBLE NOW



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FOURTH STREET

PARKING ON ONE SIDE AND BIKE LANES: PENDING ANALYSIS OF PARKING UTILIZATION



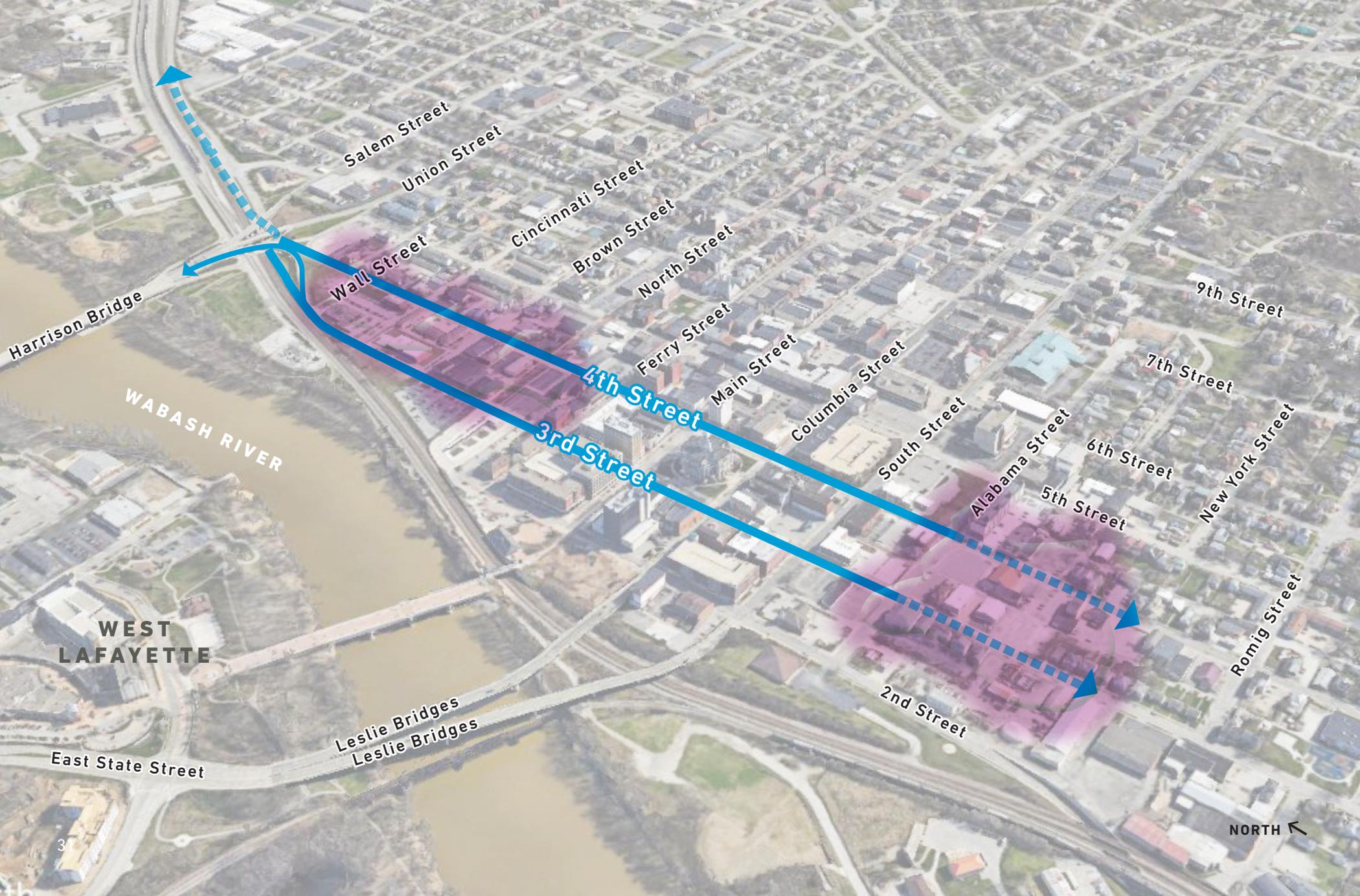
*On-Street parking will be retained on both sides of street between Main and Columbia Streets

BICYCLE INTEGRATION

ON-STREET



REVITALIZATION AND DEVELOPMENT POTENTIAL



SIGNIFICANCE OF CONVERTED 3RD + 4TH STREETS

INCREASED ACCESS TO DOWNTOWN
BUSINESSES

ADDITIONAL OPTIONS FOR MOTORISTS

IMPROVED SAFETY FOR ALL MODES OF
TRANSPORTATION

OPPORTUNITY TO EXPAND MAIN
STREET'S SUCCESS

IMPROVED CONNECTIVITY TO NORTHERN
AND SOUTHERN NEIGHBORHOODS



CONTRIBUTE TO A
LIVABLE + VIBRANT
DOWNTOWN

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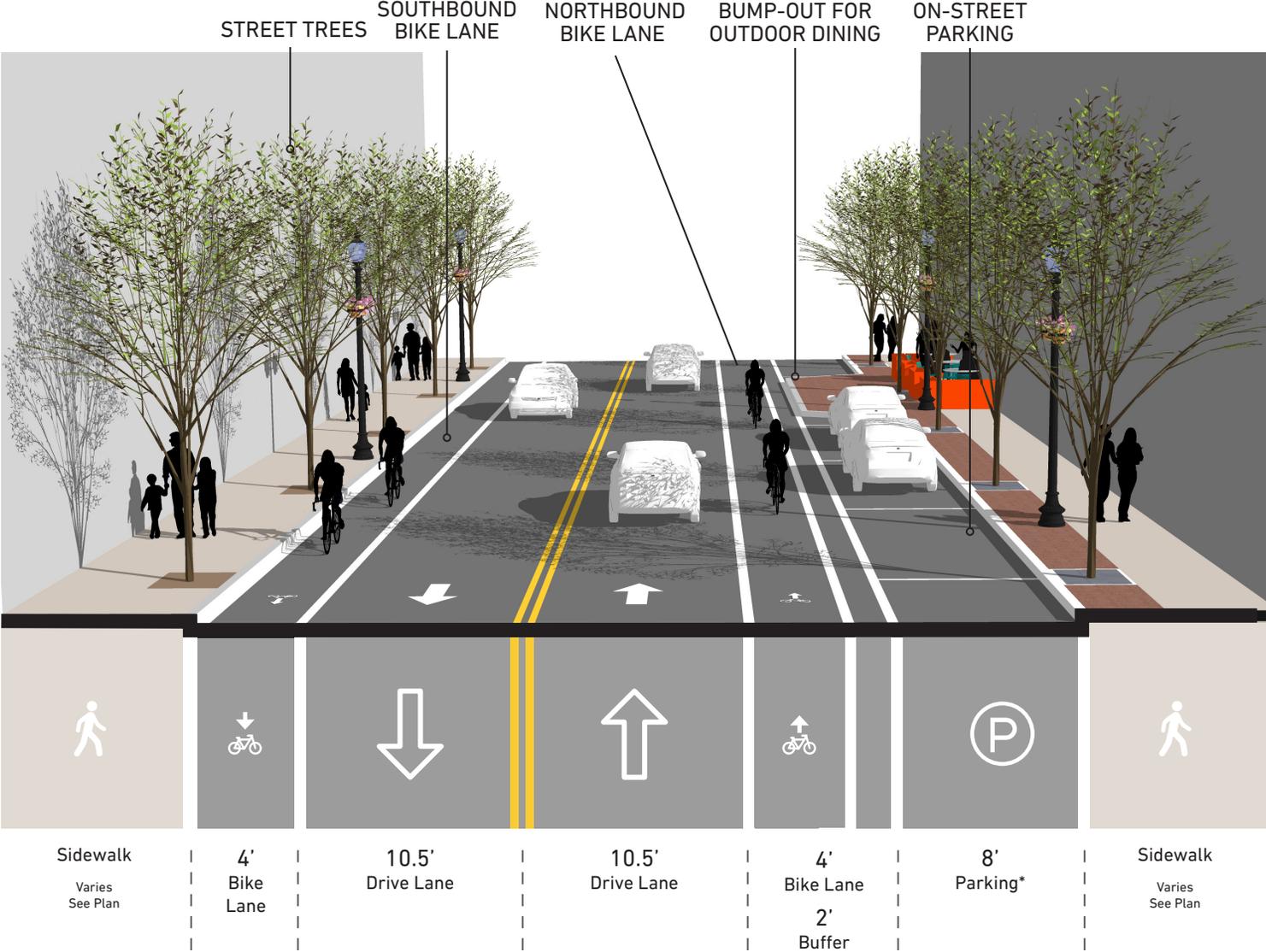
NEXT STEPS

NEXT STEPS

- 1 | REVIEW FINAL PUBLIC INPUT
- 2 | ASSEMBLE FINAL REPORT

FOURTH STREET

PARKING ON ONE SIDE AND BIKE LANES: PENDING ANALYSIS OF PARKING UTILIZATION



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