



JOINT BOARD OF ALDERMEN / PLANNING & ZONING COMMISSION

Work Session Agenda

CITY OF PARKVILLE, MISSOURI

Tuesday, April 19, 2022 5:30 PM

City Hall Board Room

1. GENERAL AGENDA

A. Bell Road Corridor Study for Complete Streets improvements (Community Development)

2. ADJOURN

CITY OF PARKVILLE Policy Report

Date: February 15, 2022

Prepared By:

Stephen Lachky, Community Development Director

Reviewed By:

Alexa Barton, City Administrator

ISSUE:

Bell Road Corridor Study for Complete Streets improvements (Community Development)

BACKGROUND:

NW Bell Road is a collector road (two lanes, undivided) and a major north-south thoroughfare through Parkville (approximately 0.9 miles in length), connecting residential neighborhoods north of the downtown to the southern portion of The National residential neighborhoods, Bell Road Industrial Park and Parkville Commons shopping center. The roadway is currently undersized in certain areas, lacks shoulders, sidewalks and other infrastructure for pedestrian safety and stormwater management. Over the years, Parkville's elected officials have expressed a desire for the City to make multi-modal transportation improvements along the corridor. In 2021, City staff reached out to the University of Missouri-Kansas City (UMKC) Department of Architecture, Urban Planning + Design to partner with the university and conduct a corridor study for Complete Streets improvements as part of a class semester studio project. As part of the project schedule, the UPD 412WI Urban Planning Design Studio IV students are required to do a final presentation with the City in order to receive comments and feedback prior to drafting the project's final report. Staff has invited the Board of Aldermen and members of the Planning and Zoning Commission to receive the presentation.

BUDGET IMPACT:

On December 21, 2021 the Board of Aldermen approved Ordinance No. 3109 adopting the 2022 Operating Budget and 2022–2026 Capital Improvement Program (CIP) and \$10,000 was budgeted in the 2022-2026 CIP for a Complete Streets corridor study for Bell Road. On February 3, 2022, the City entered into an agreement with UMKC as a sponsor for the project.

ALTERNATIVES:

1. Provide comments and feedback to UMKC's Senior Urban Planning + Design Studio; and consider adopting the NW Bell Road Corridor Study for Complete Streets as an official City plan via a resolution of support at a future meeting.
2. Provide comments and feedback to UMKC's Senior Urban Planning + Design Studio; and file the final report once completed later in the year.
3. Postpone the discussion.

STAFF RECOMMENDATION:

Staff recommends that the Board of Aldermen provide comments and feedback to UMKC's Senior Urban Planning + Design Studio, and consider adopting the NW Bell Road Corridor Study for Complete Streets as an official City plan via a resolution of support at a future meeting.

ATTACHMENTS:

1. Presentation
2. Agreement
3. Project Outline



NW Bell Road Corridor Study for Complete Streets

Spring 2022 Senior Urban
Planning + Design Studio

Department of Architecture,
Urban Planning + Design



Project Team Members

Hannah Haake

Idalia Cabrales

Jamaica Whitehead

James Molloy

Jesse Hunter

Kristen Manthei

Marlene Torres

Faculty Supervisor

Sungyop Kim, Ph.D.

Project Goal

Develop a planning alternative to create a safe, welcoming corridor environment for residents and road users along NW Bell Road.

Study Area

- A 0.9 mile stretch of NW Bell Road
- A 1,500 feet surrounding NW Bell Road
 - 9 Hwy/Main St
 - Hamilton Road
 - National Drive
 - Tom Watson Pkwy



Today's Presentation

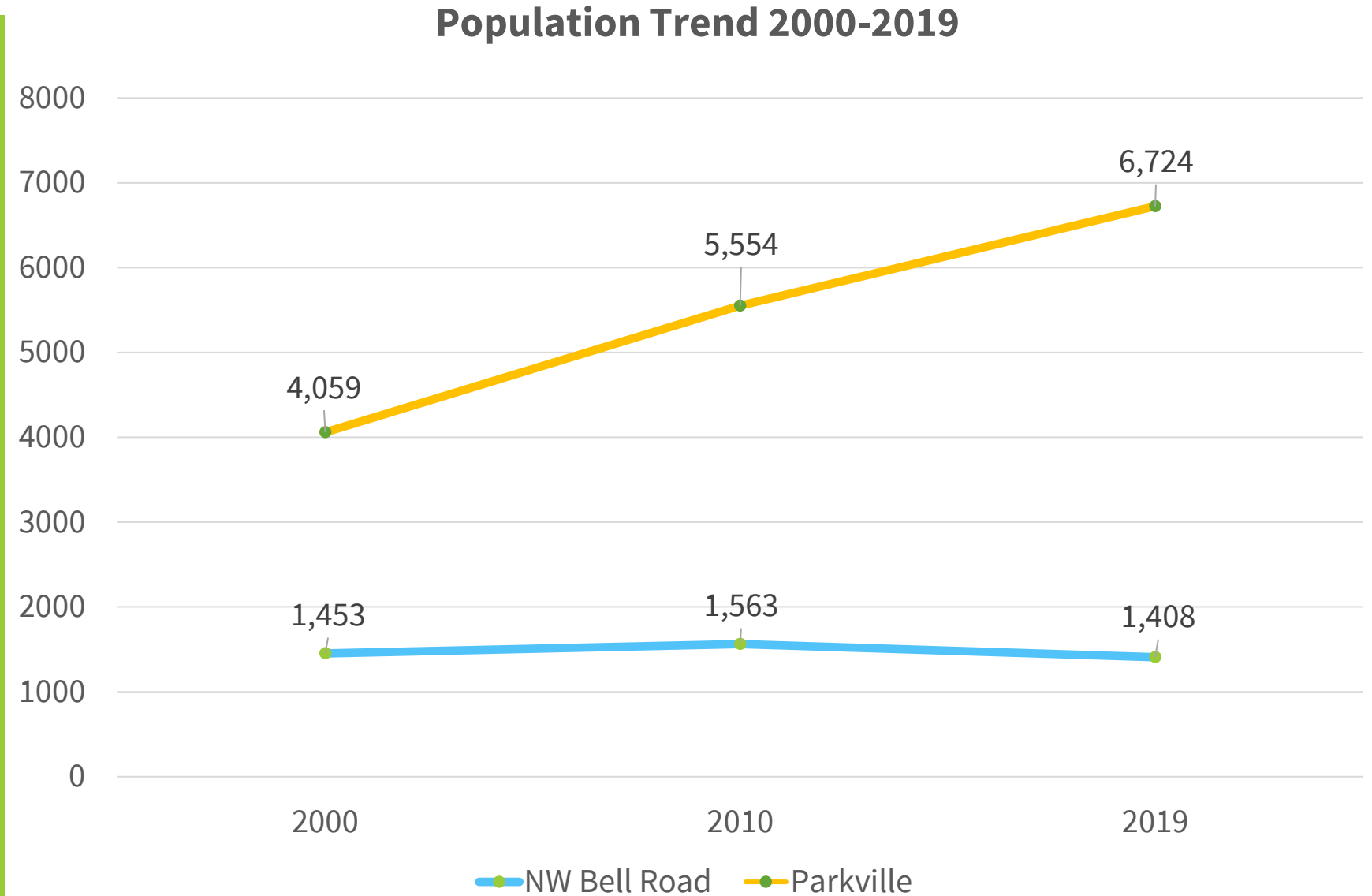
NW Bell Road Corridor Development Proposal

- The opportunities and constraints for future development along the corridor
- A corridor development proposal based on the complete streets approach

Existing Conditions

Populations

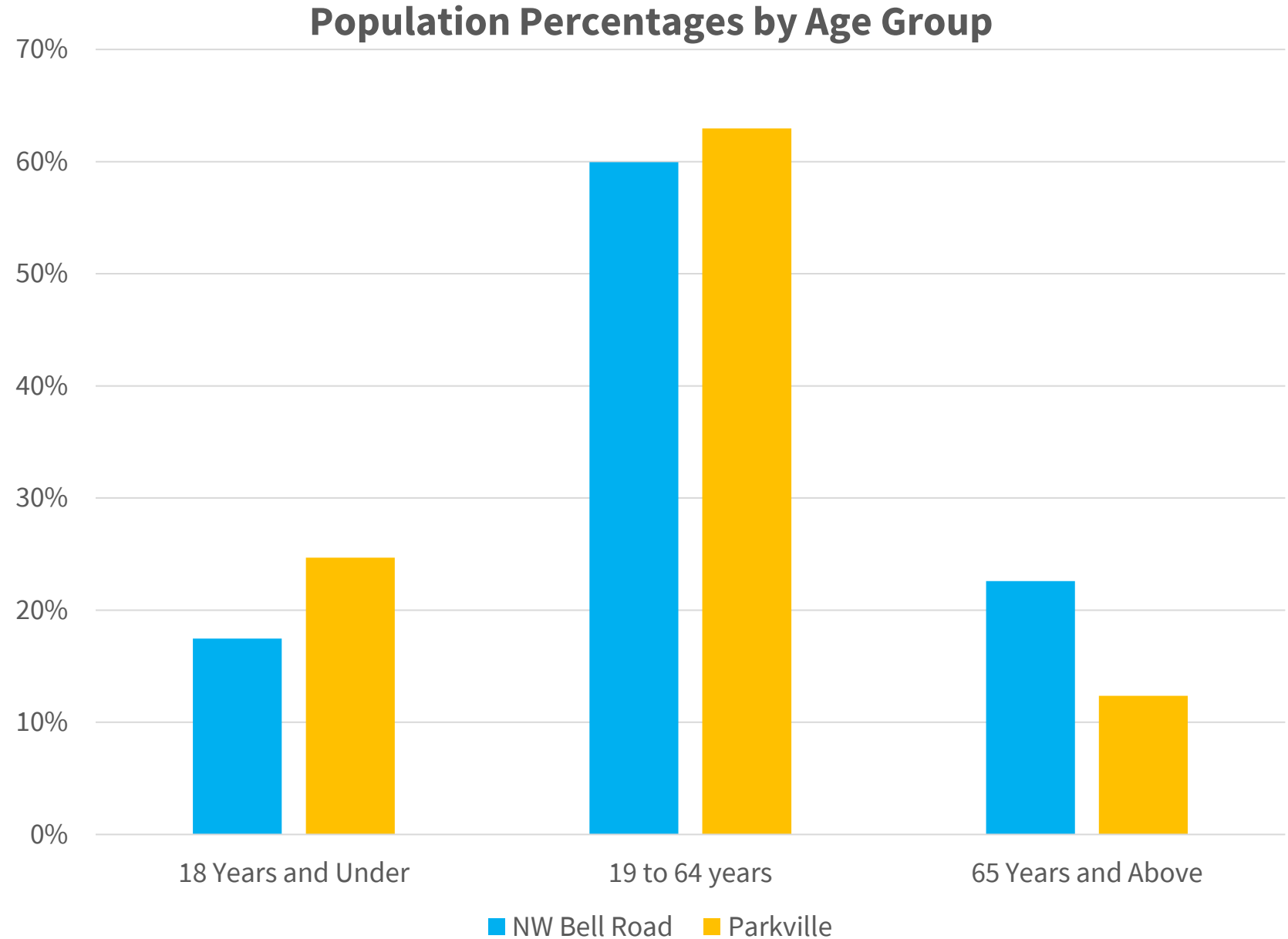
- Parkville had a 65.7% increase in population since 2000
- However, NW Bell Road had a slight decrease since 2000



*Data gathered using Census Tract 303.05, Block Group 1 and Block Group 2, ACS 2019 (5 Year Estimates)

Populations by Age Group

- NW Bell Road area has a significantly higher proportion of population over 65 years old than Parkville

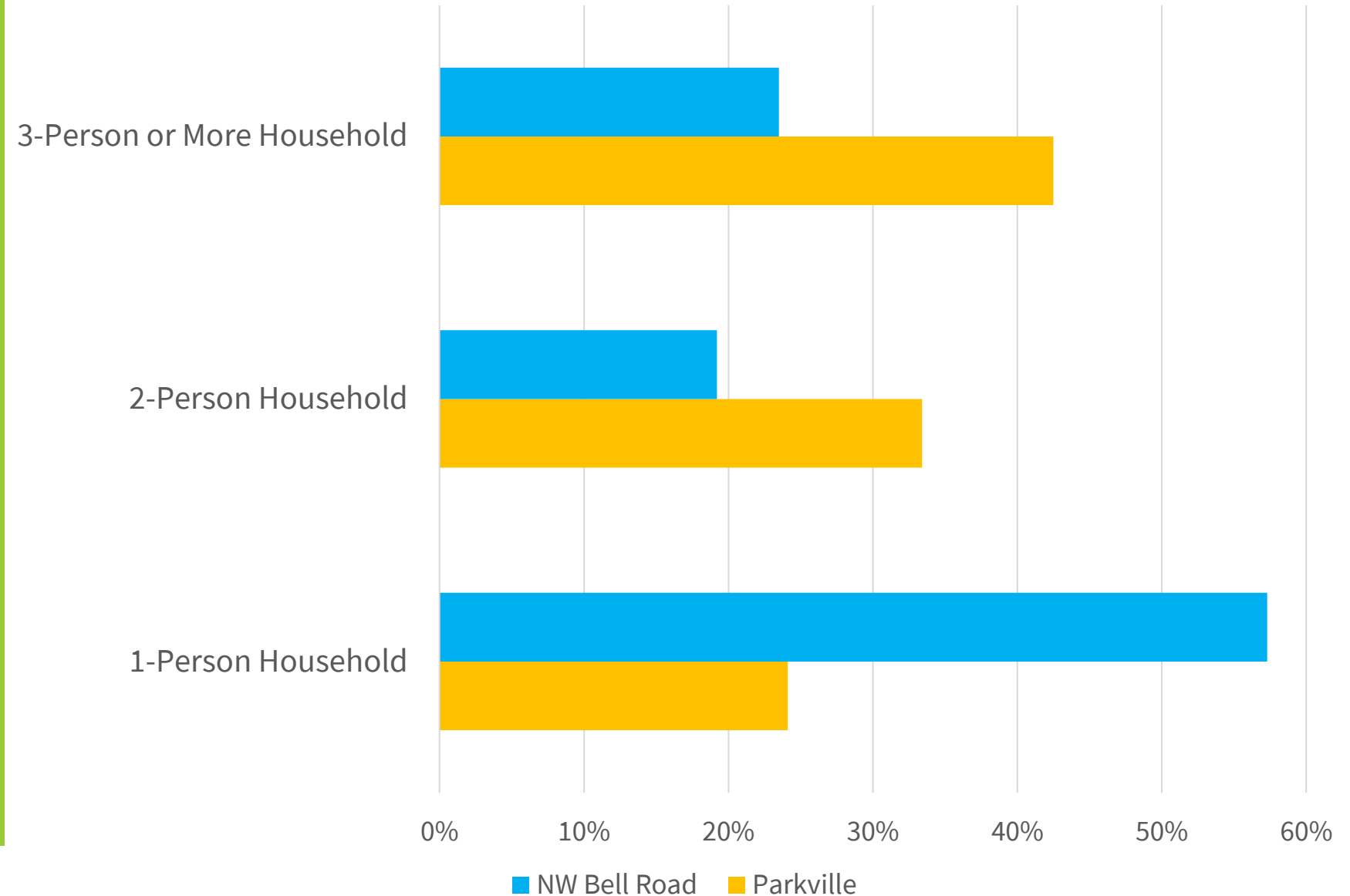


*Data gathered using Census Tract 303.05, Block Group 1 and Block Group 2, ACS 2019 (5 Year Estimates)

Household Type

- Residents on NW Bell Road area are more likely to live alone than Parkville residents overall
- About 65% of households are non-family households

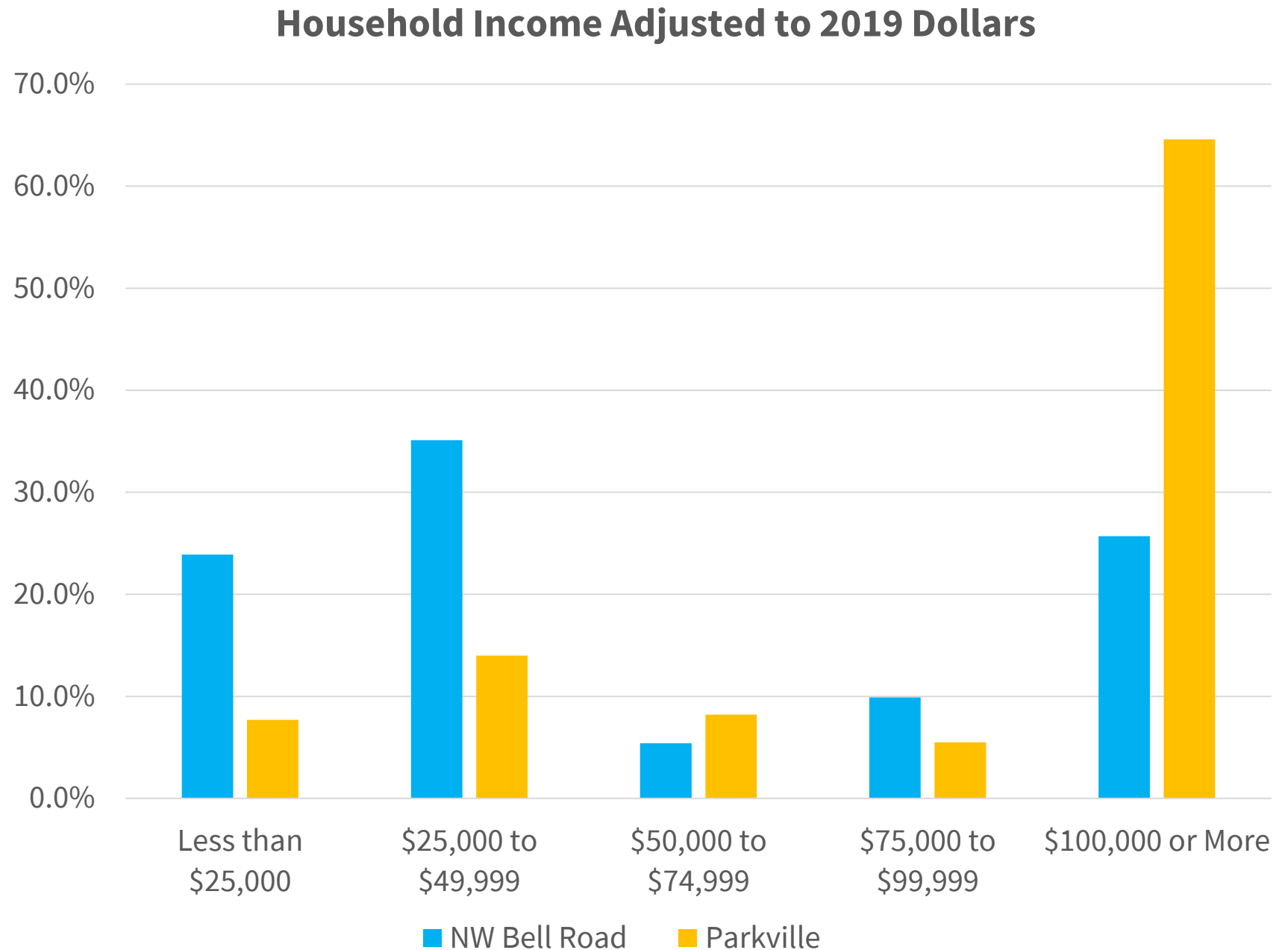
Household Type by Household Size



*Data gathered using Census Tract 303.05, Block Group 1 and Block Group 2, ACS 2019 (5 Year Estimates)

Household Income

- Household income of NW Bell Road area tends to be lower than Parkville households overall

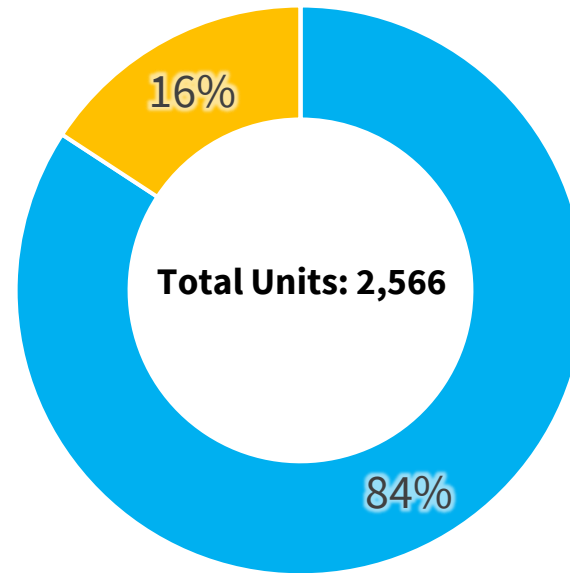


*Data gathered using Census Tract 303.05, Block Group 1 and Block Group 2, ACS 2019 (5 Year Estimates)

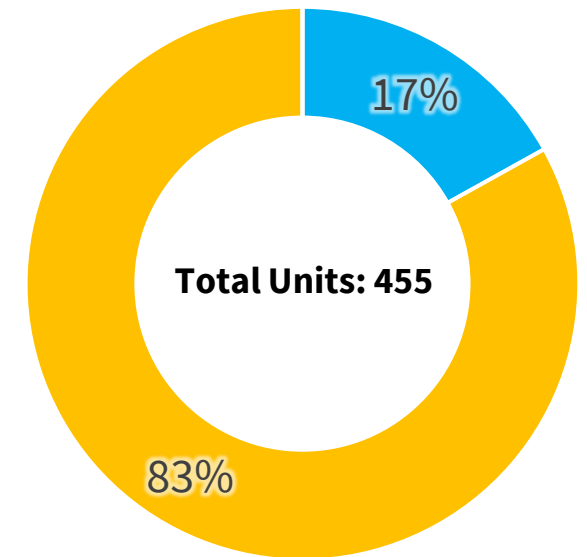
Housing

- 83% of housing on NW Bell Road area is multi-family
- 72% of apartments in Parkville are located in NW Bell Road area

Parkville



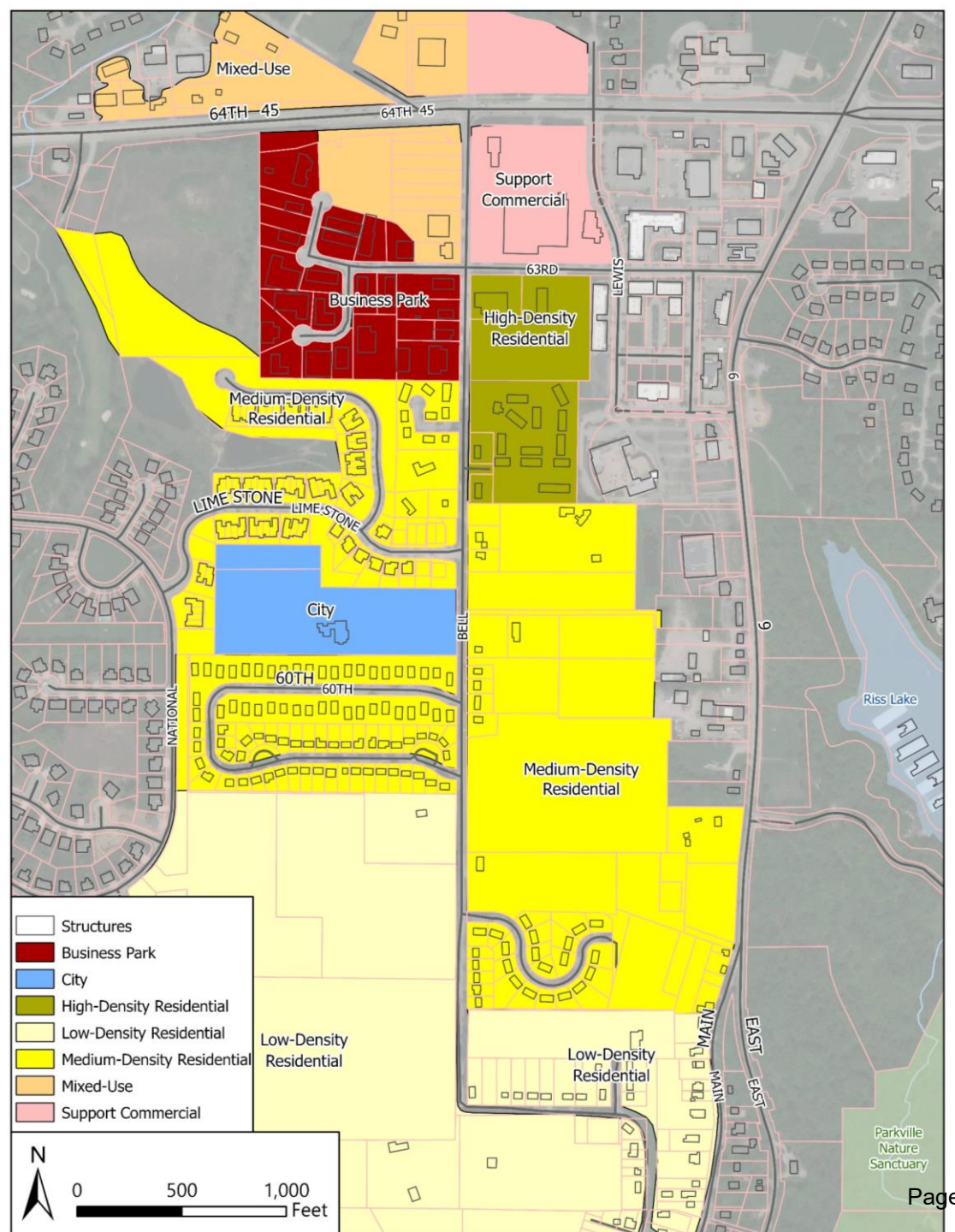
NW Bell Road



- Single Family
- Multi-family

Future Land Use

- Future land use in the Parkville Master Plan aims to promote diversity and density along the corridor
- Future land use is mostly consistent with current zoning

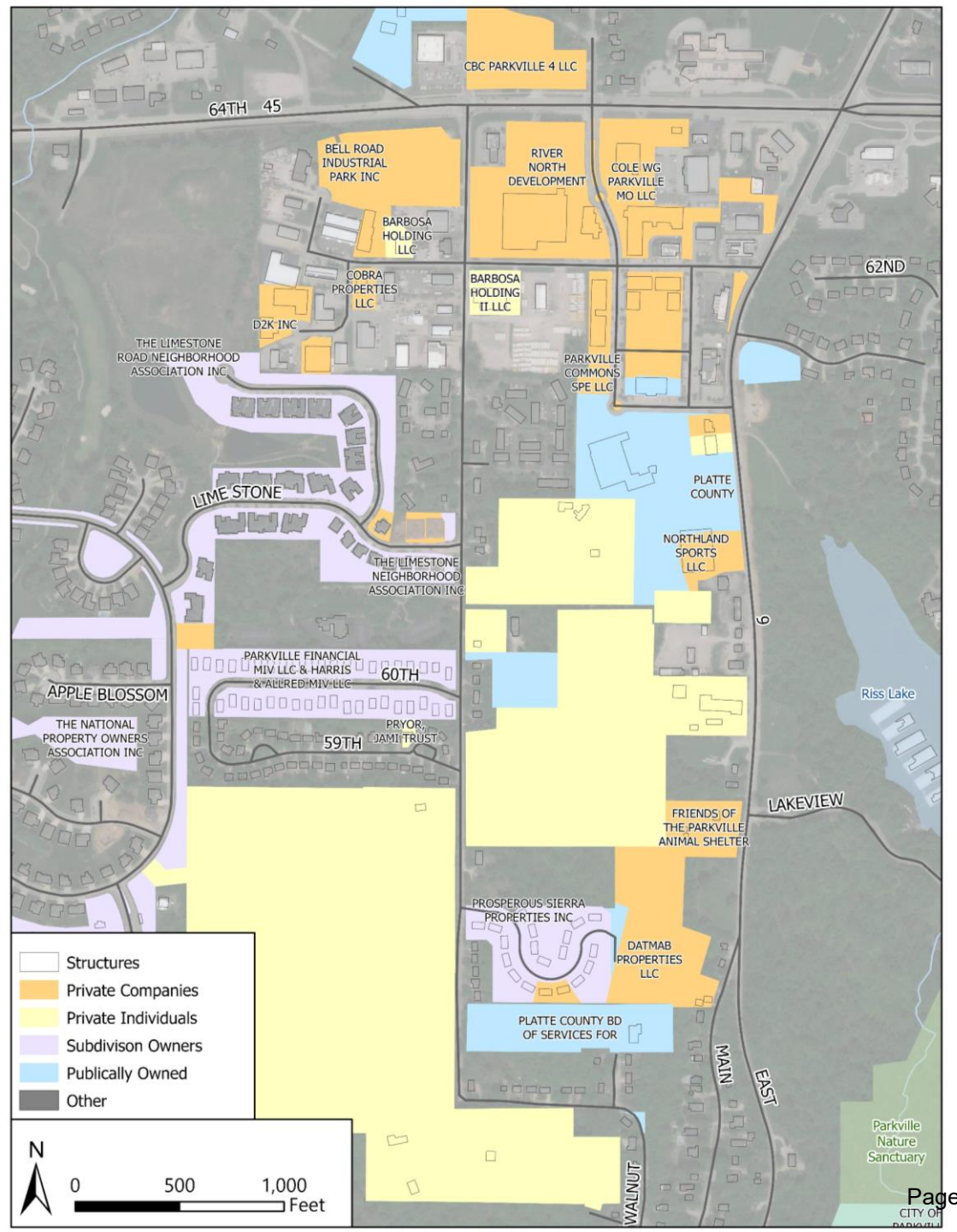


Property Ownership

- 80% of the commercial, residential, and vacant properties are owned by private developers and entities
- Future commercial and multi-family residential development may require a public-private partnership

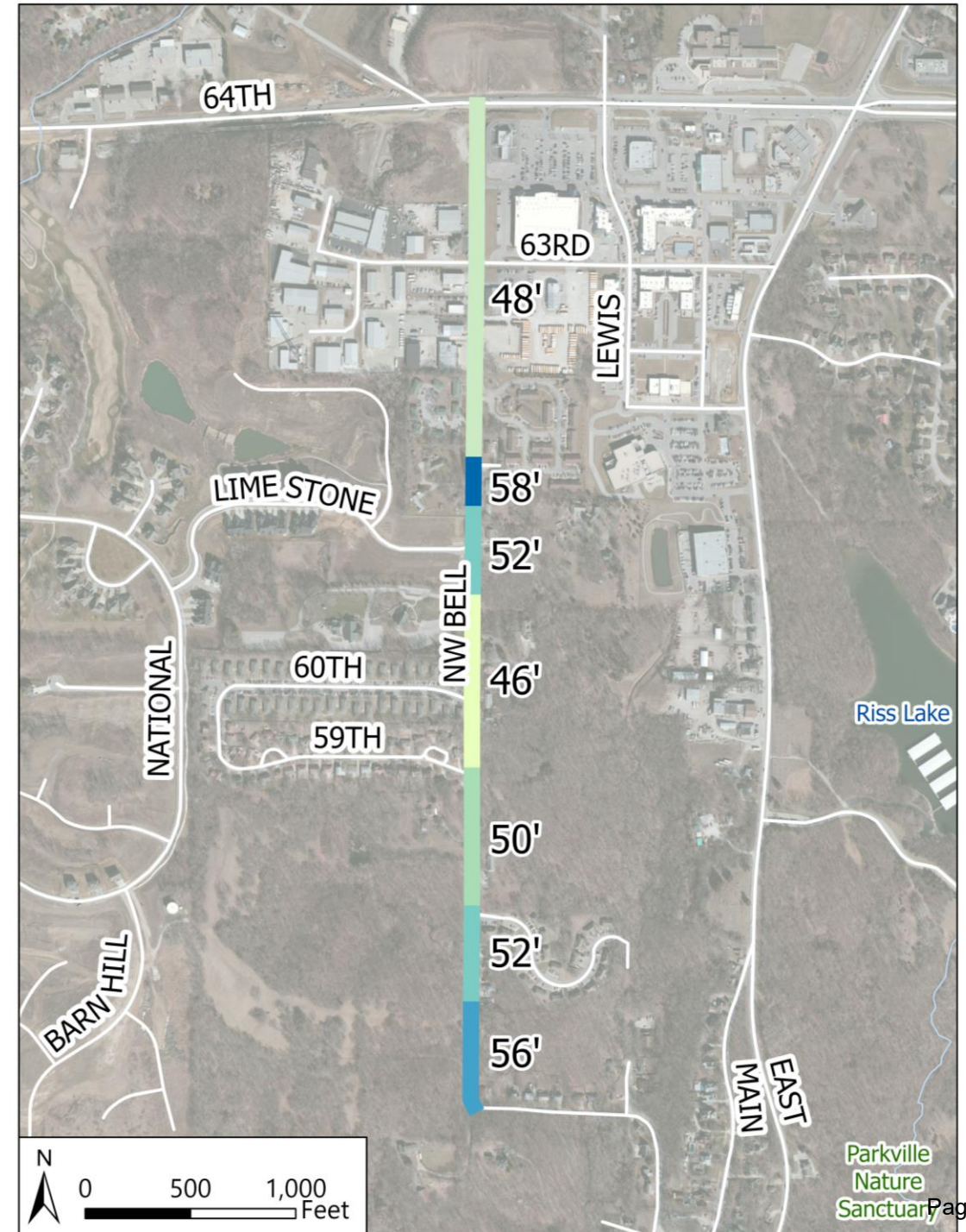
Type of Property Owner	Number	Percent
Publicly Owned	14	9.0
Private Individuals	14	9.0
Sub-division Developers	63	40.6
Private companies or LLC	64	41.3
Total	155	100.0

Source: Platte County Tax Assessor



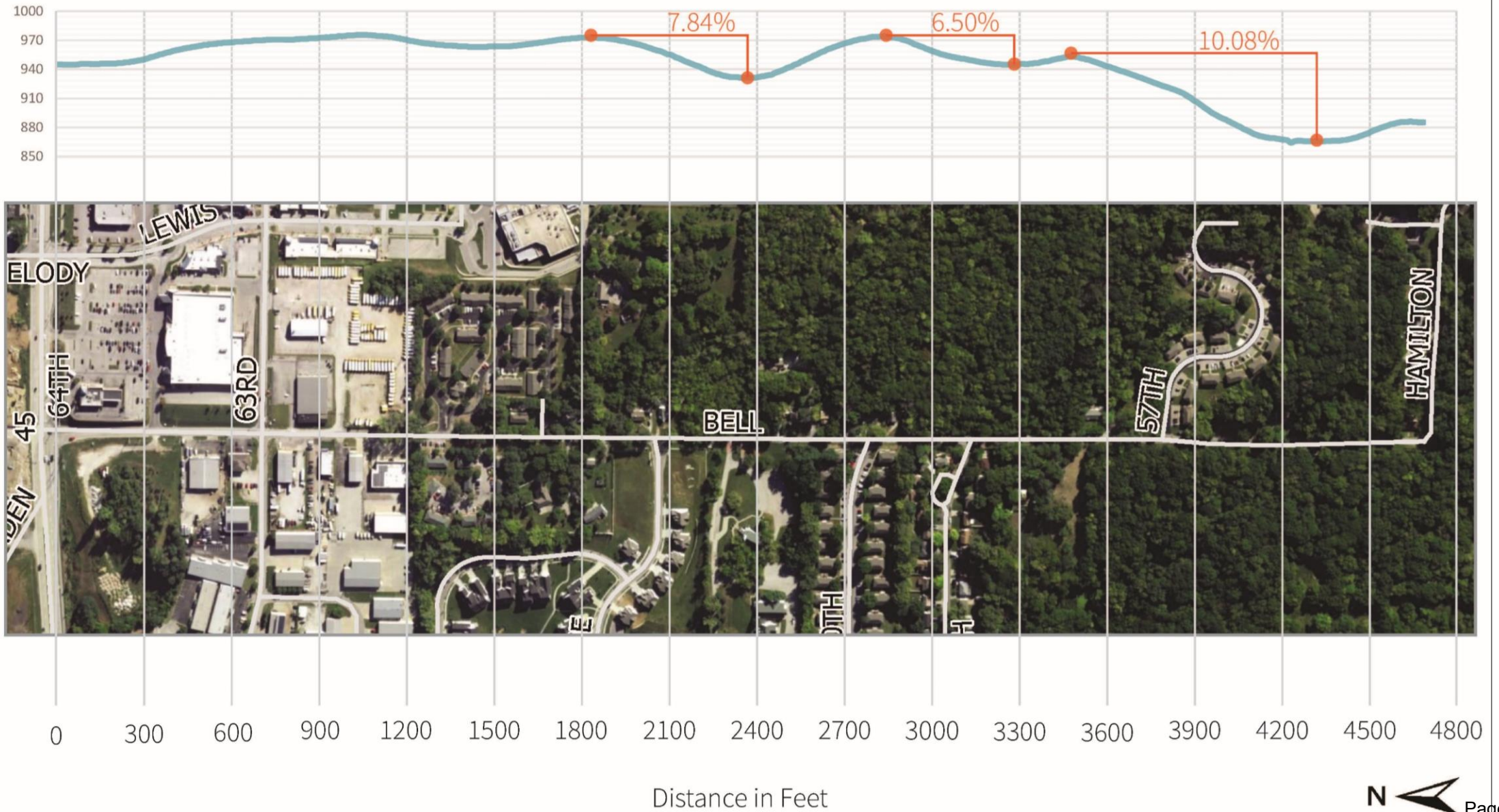
Right-of-Way

- Various right-of-way (ROW) widths along NW Bell Road: 46 – 58 ft.
- Current functional classification of Bell Road is a local street
- Recommended minimum ROW width for collector street: 60 ft.



Elevation and Slope Changes on NW Bell Road

Elevation Section in Feet



Combining Existing Conditions with Future Vision

Current NW Bell Road

- Limited sense of place
- High concentration of affordable and multi-family housing
 - Contains 71% of apartments in Parkville
- Underdeveloped, but significant (re)development potential
- Vehicle oriented corridor



Parkville Master Plan

- Historic, small-town sense of place
 - Quality architecture
- Quality residential development
 - Area for medium-/high-density housing in Parkville
 - Part of a cohesive and unified Parkville community
- Accessible, efficient, safe street system and facilities for residents and road users

Summary of NW Bell Road Existing Conditions

Transportation

- Undivided 2-lane road
- Low-medium traffic
- No bike lanes or sidewalks
- Varying ROW width
- Avg. of 22 ft wide street
- Current roadway needs maintenance
- Higher crash rate than other neighboring collectors

Environment

- No public green space
- Surrounded by wooded area
- Rain-dependent streams
- Significant elevation changes

Land Use

- Commercial, medium/low-density residential zoning
- Commercial activity in the north, mostly auto services and industrial uses
- High concentration of multi-family housing
- Most properties owned by private developers and entities

People/Social

- Higher proportion of population over 65 years old
- Population has lower income
- High rate of renters
- Predominantly white residents
- More likely to live alone
- Primarily use personal vehicle
- No clear sense of place

Challenges and Opportunities for Future Development

Challenges

- Current land use and future land use
 - Land use transitions and business relocations
- Topography
 - Limits street widening, improvements, and development types
- Right-of-way width
 - Narrow and inconsistent width may complicate future development
- Street width
 - Narrow width leaves little room for pedestrians, cyclists, or larger vehicles

Challenges

- Access to public green space and street amenities
 - No public green space in 0.25-mile radius
- ADA access
 - No sidewalks
 - Steep slopes
- Stormwater management
 - No gutters and little storm infrastructure

Opportunities

- Parkville's image of quality of life
 - Small-town charm and the proximity to downtown KC
- Topography
 - Allows for creative and diverse lot configuration, development patterns, and trails
- Land availability
 - Large undeveloped sections allow for sidewalks, trails, green infrastructure solutions, etc.

Opportunities

- Natural environment
 - Attractive scenery to promote walking or biking
- Utility infrastructure
 - Electric, water, and sewer lines are already located along or near NW Bell Road
- Active and multi-modal transportation
 - Higher density development may provide more opportunities for walking and biking

Corridor Potential

NW Bell Road has the potential to transform into a vibrant North-South corridor, attracting diverse residents and businesses through the combination of complete streets, mixed-use and higher density development, and green infrastructure.

Potential Future Development Along NW Bell Road

Complete Streets Approach

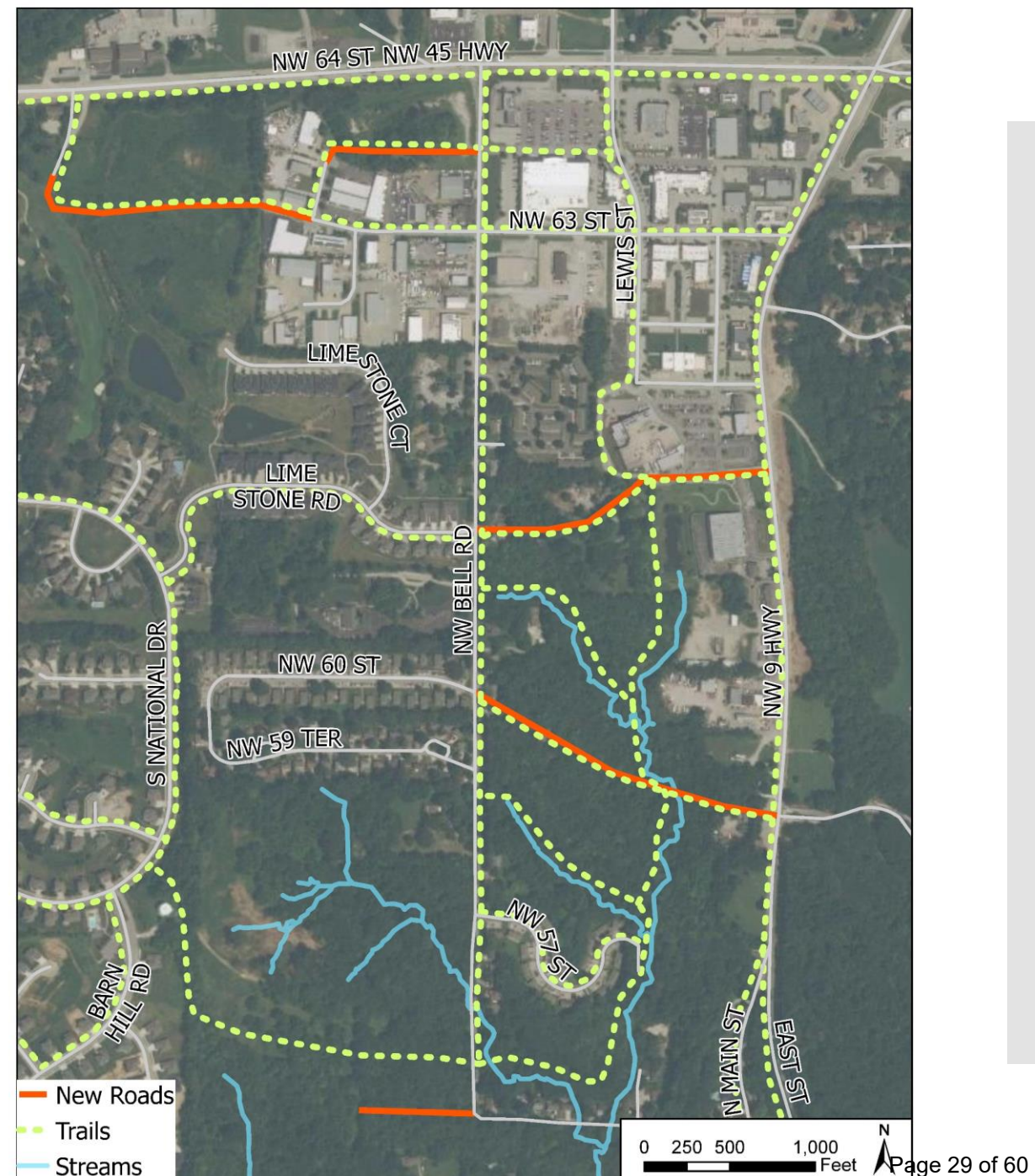
Future Development Map

The following proposals were guided by the development requirements, future land use, and overarching themes within the Parkville 2030 Master Plan, as well as traffic projections and future developments.



Connected NW Bell Road

- New roads provide access to future developments
- Trails follow topography and stream routes to create a multi-purpose path system throughout the residential and commercial areas
- All new streets and trails will accommodate biking and walking



Mixed-Use Development

- 5.5 acres
- Approximately 80 units
- 40,000 SF commercial
- Outdoor public gathering place with eBike charging station



High Density Development

1. NW 64 th St and Lakecrest Lane	2. NW 63 rd and NW Bell Road
17 acres	5.5 acres
312 units	100 units
Gardner style apartments	Row house style apartments or more compact units



1.



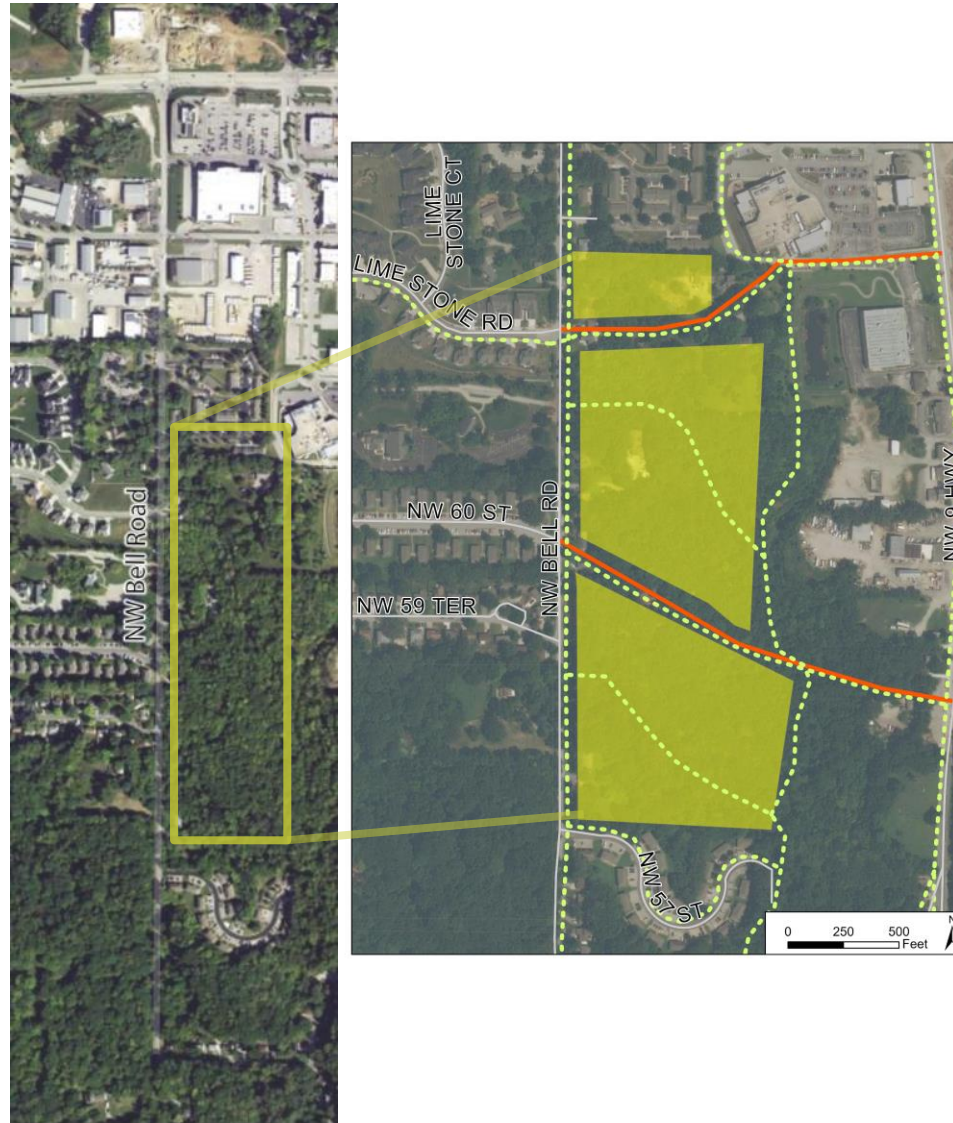
2.



Source: Westside Flats, Kansas City, MO
Highland Park at Northlake - Fugleberg Koch

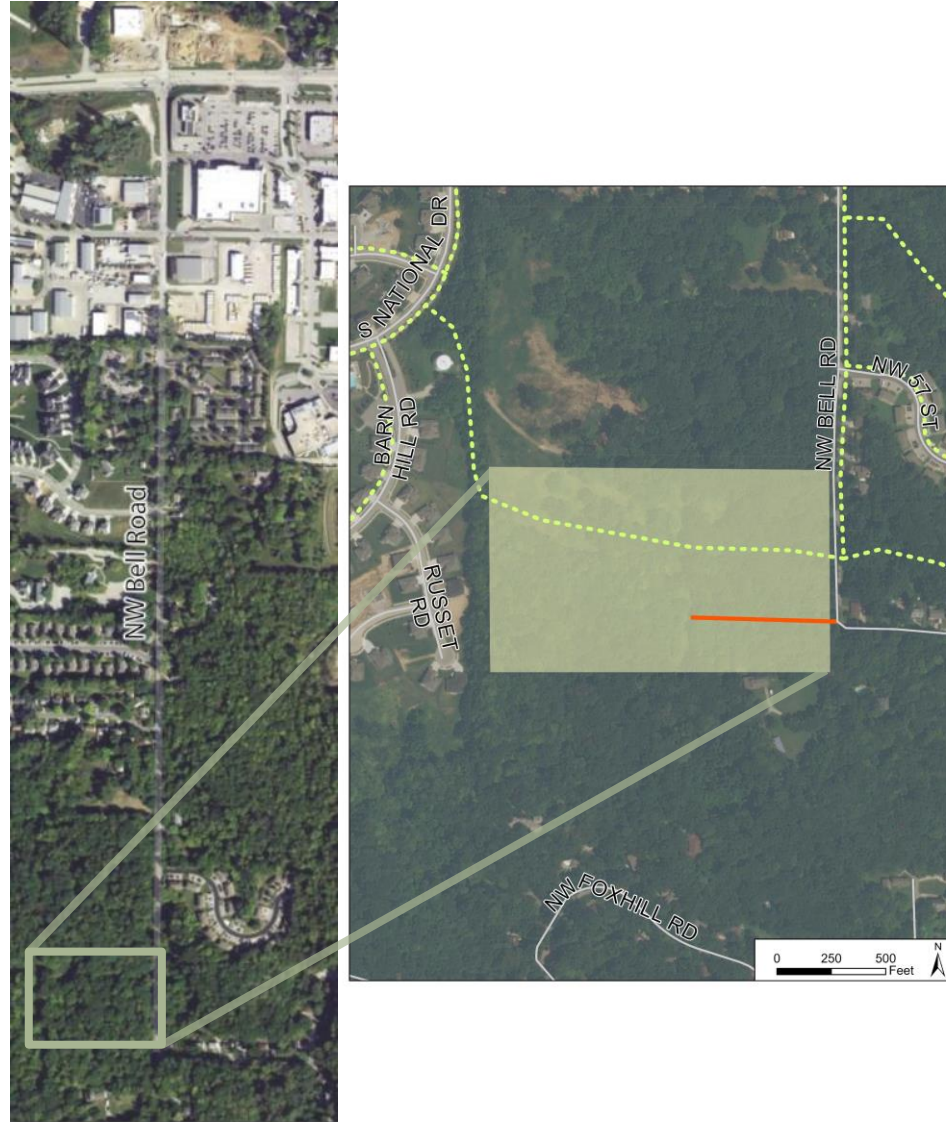
Medium Density Development Concepts

- 44 acres
- Approximately 264 unit
- Two new East/West corridors at Lime Stone Road and NW 60th St.
- Apartments along roads and common green space and trails



Low Density Development

- 22 acres
- Approximately 66 units
- Road extension west from NW Bell Road
- Trail through neighborhood



Source: Curbed.com,
135th and Rosedale, Overland Park, KS

Trip Projections

- Trip projections based on total future developments
- Higher density in north, lower density in south
- Total traffic could be tripled along NW Bell Road with full development

Future Development	Low	Medium	High
1. Mixed Use	1,386	2,772	4,158
2. High Density Residential 1	277	415	553
3. High Density Residential 2	216	324	433
4. Medium Density Residential	878	1170	1756
5. Low Density Residential	168	503	838
Total Projected AADT from Future Development	2,925	5,184	7,738
Current AADT	2413		
Total Projected AADT	5,338	7,597	10,151
Projected % Increase	121%	215%	321%



What are Complete Streets?

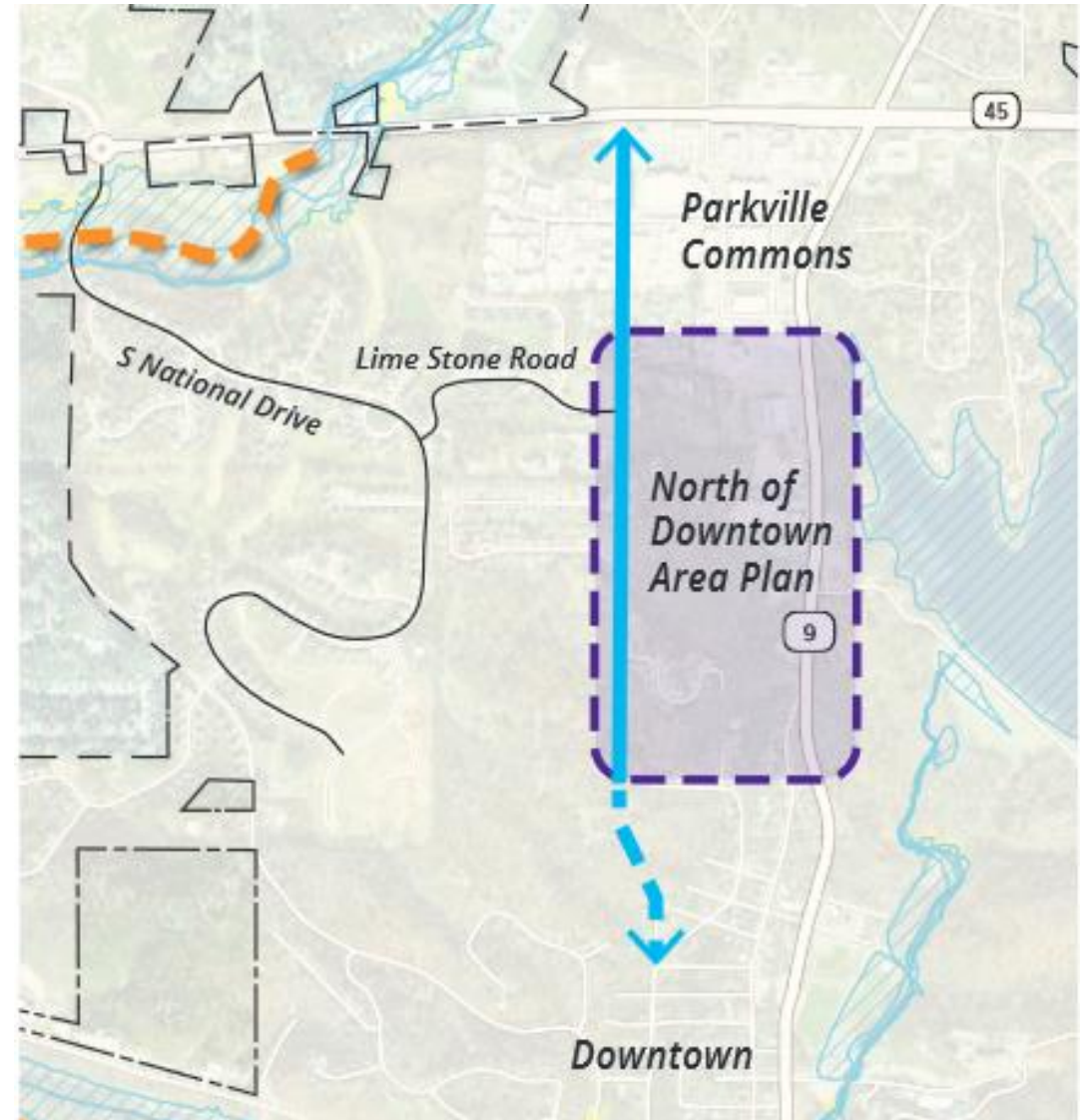
Complete streets is an approach to promote multi-modal transportation for the safe mobility of all road users, thus creating more vibrant street environments.



Transportation Plans in Parkville Master Plan 2040

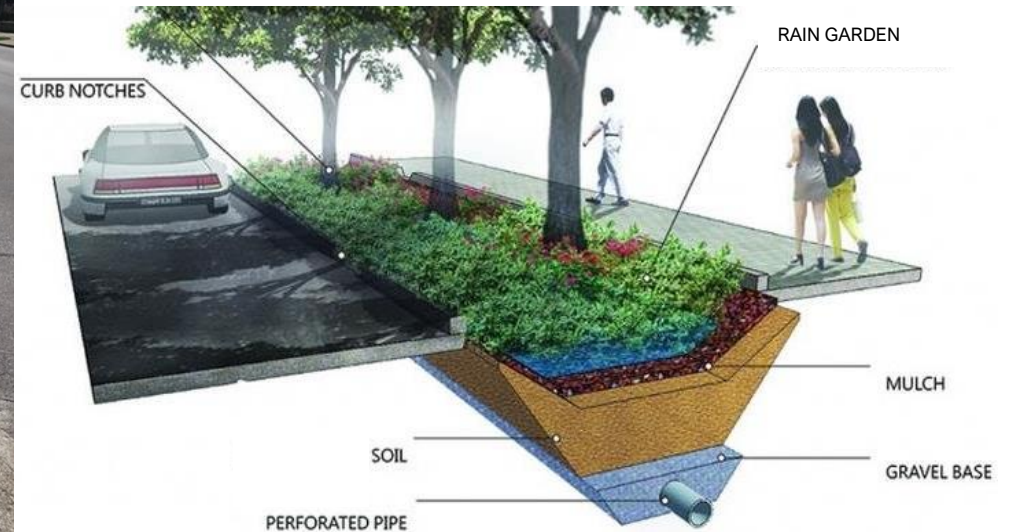
- Develop a complete streets plan for NW Bell Road
- Connect 0.9-mile NW Bell Road corridor to Parkville Commons Shopping Center and Downtown
- Promote multi-modal transportation and green infrastructure

Source: Parkville Master Plan 2040

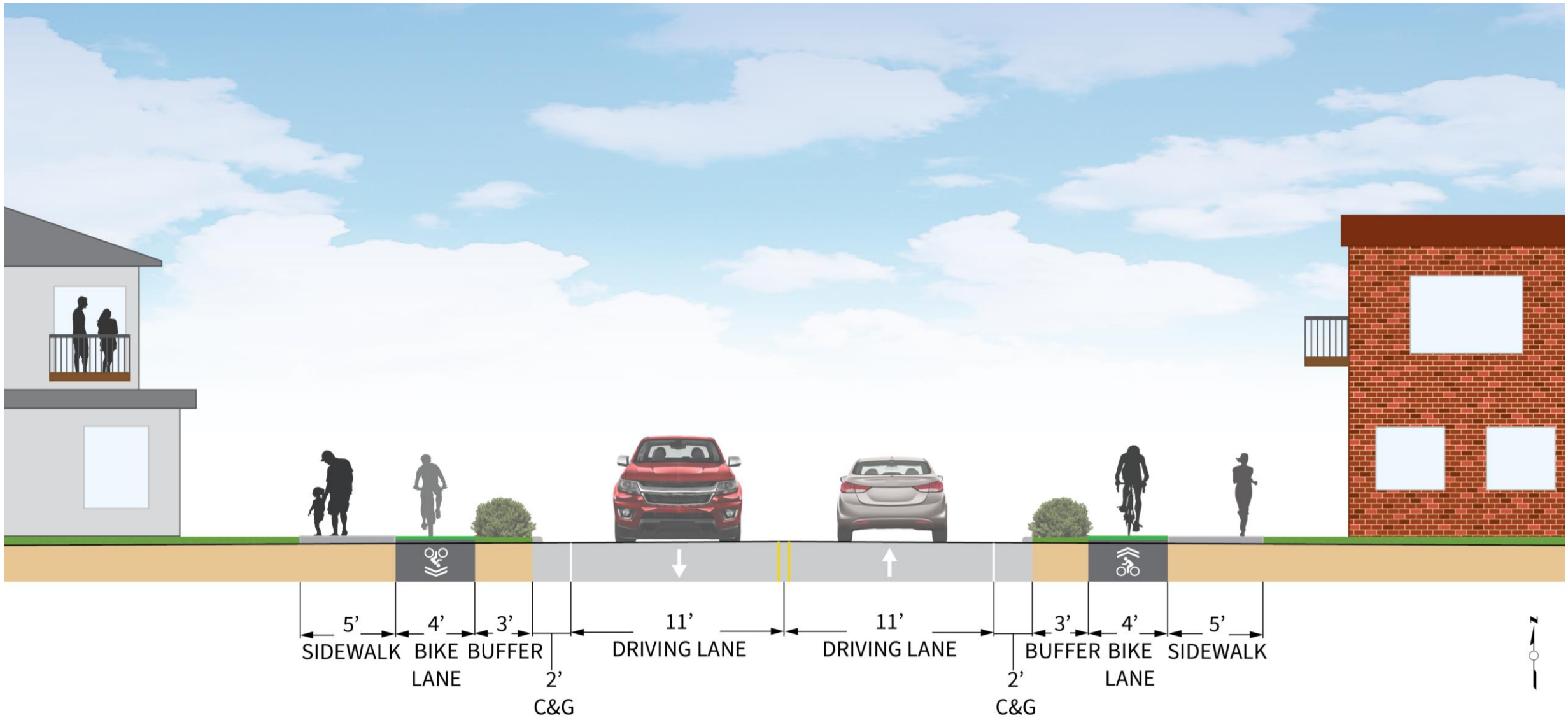


Potential Streetscape Components

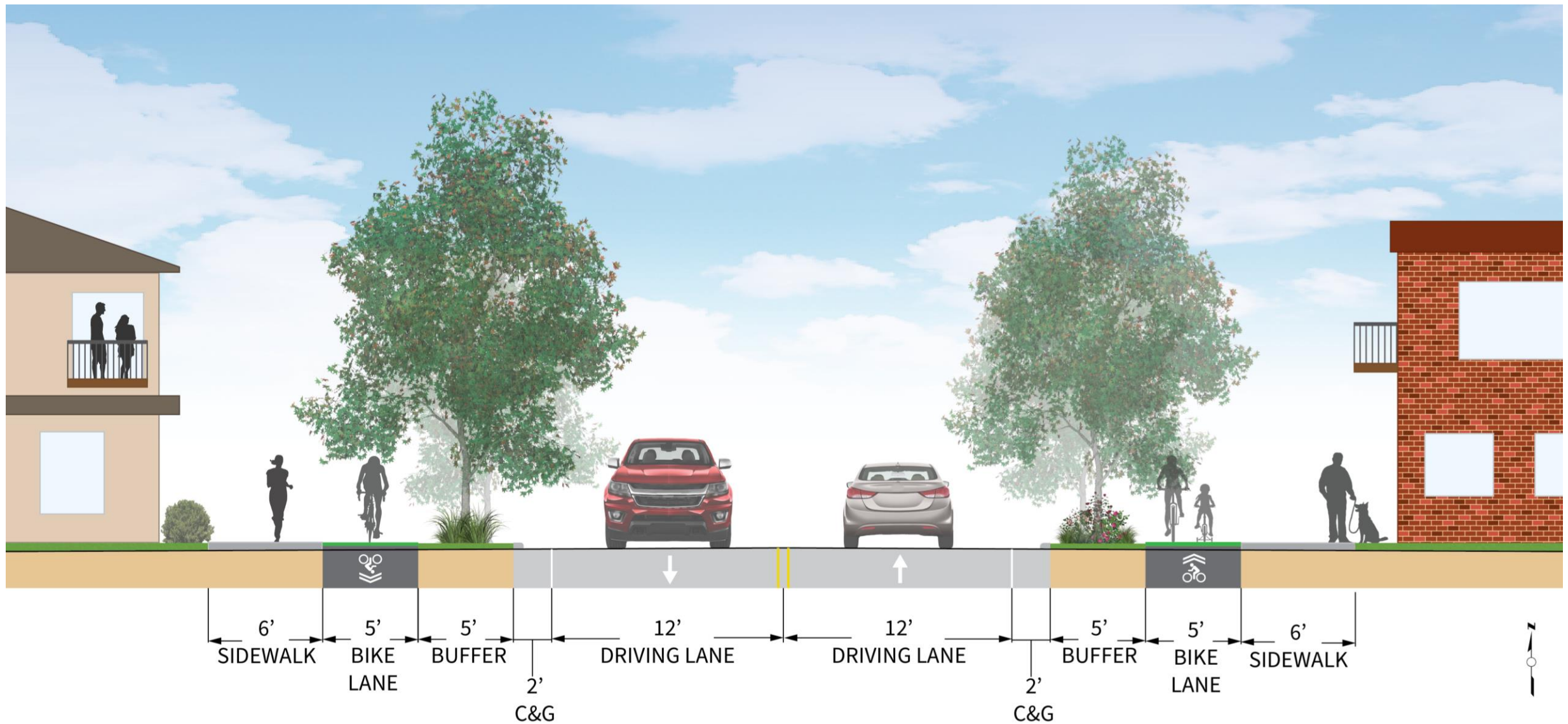
- High visibility crosswalks
- Separated bike lanes from traffic
- Accessible sidewalks
- Green buffers



50' ROW Section

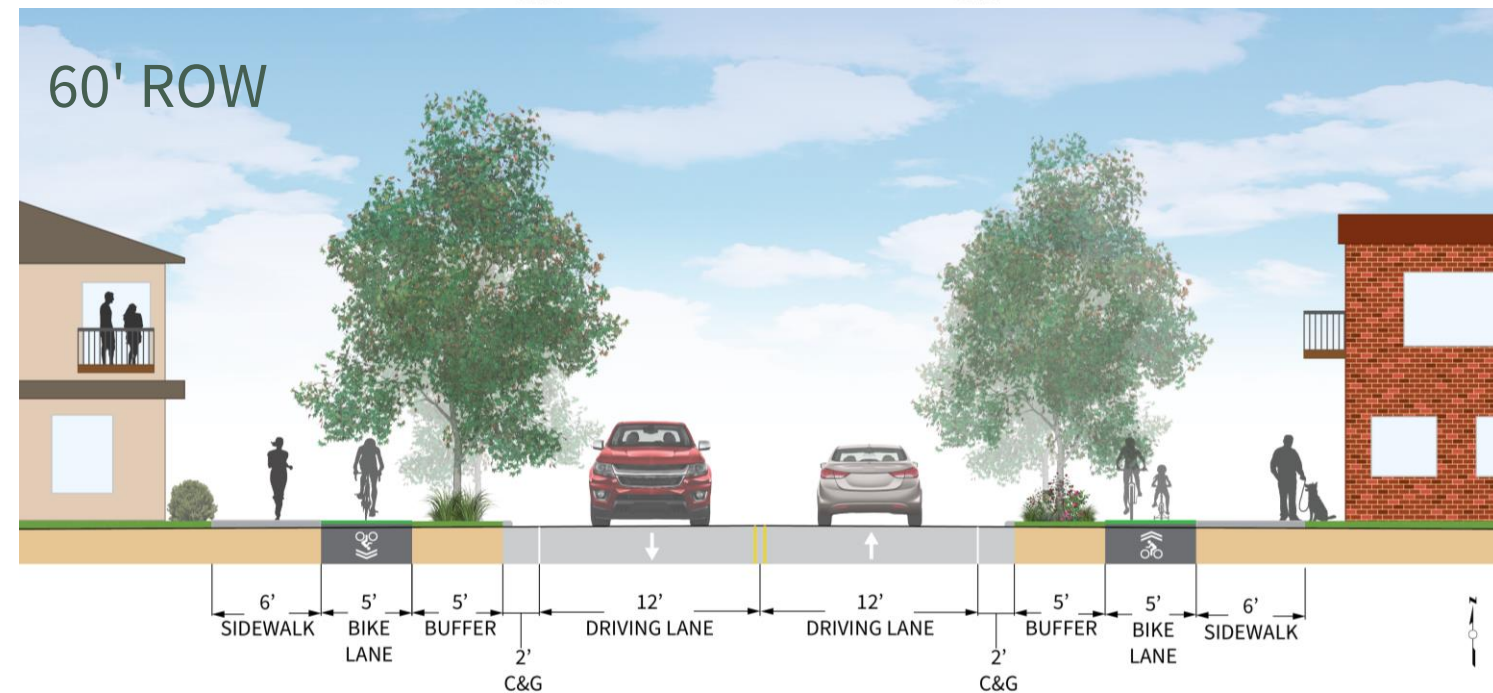
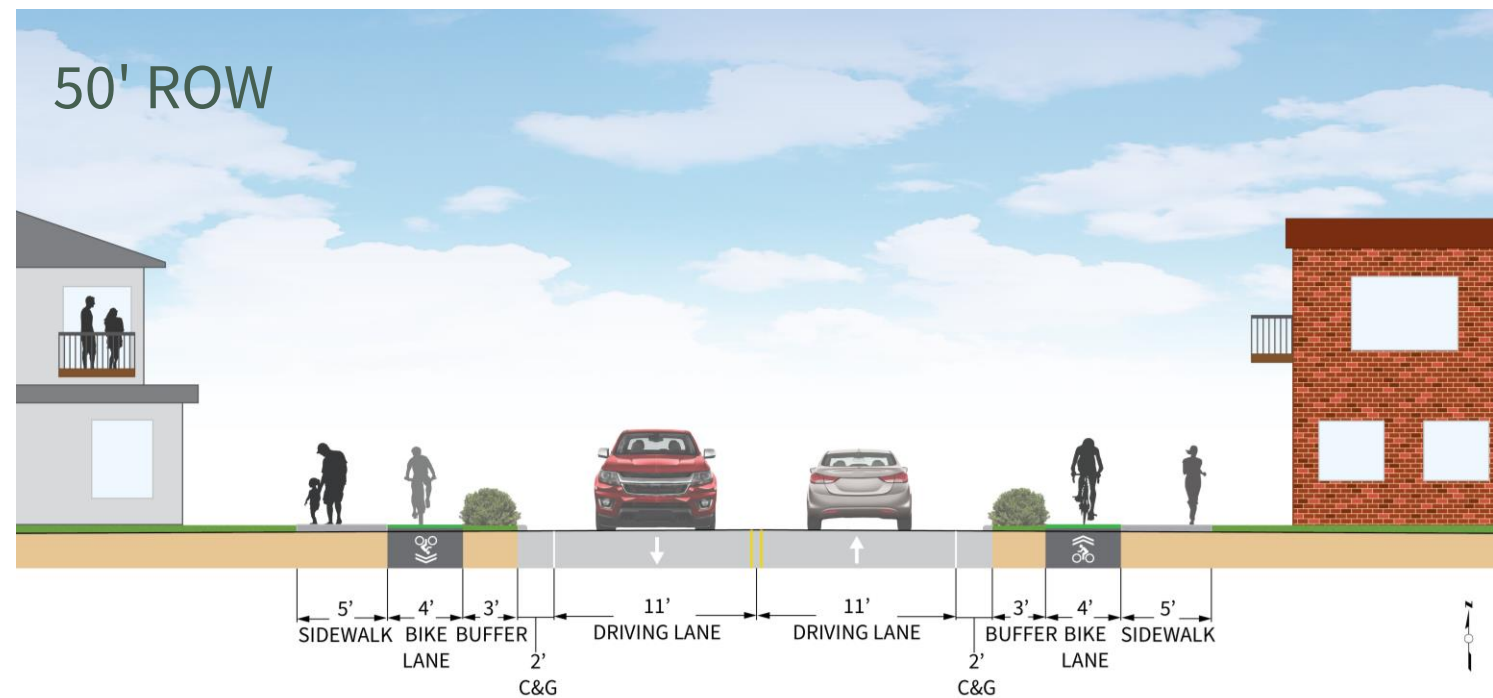


60' ROW Section



ROW Comparison

- Driving lane width
- Sidewalk width
- Bike lane width
- Green infrastructure
- Street enhancement potential



Street Illustration



Street Illustration



Roundabouts

A roundabout is a circular intersection in which road traffic is permitted to flow in one direction around a center island.

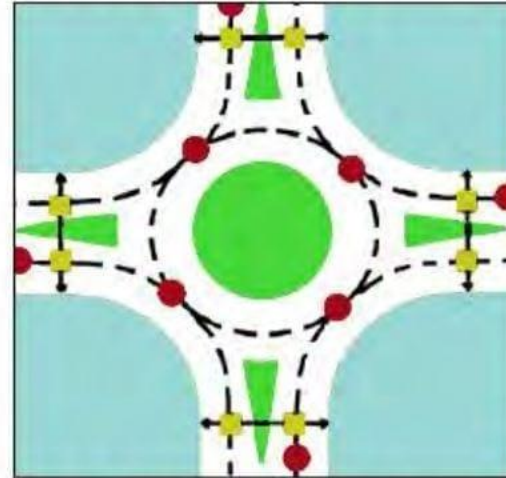


<https://www.mtjengineering.com>

Why Roundabouts?

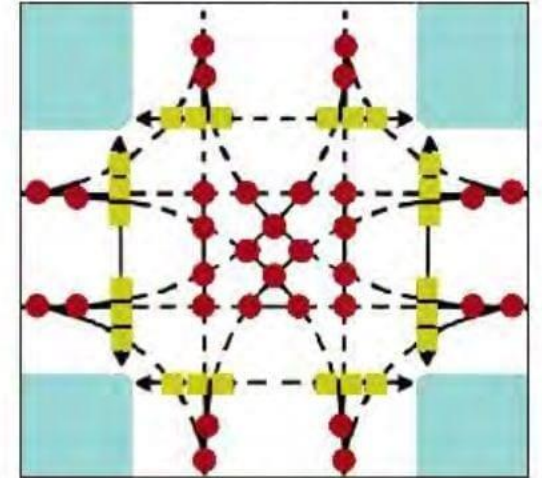
- Safety
 - Reduce injury crashes by 72-80 % and overall crashes by 35-47 %
 - Reduce pedestrian crashes by 75%
- Traffic flow
 - Reduce vehicle delays by 62-74 %
- Environment
 - Reduced fuel consumption by 23-34 %
- Lower maintenance costs than signalization
- Landscaping opportunities

Roundabout



● 8 Vehicle conflicts
■ 8 Pedestrian conflicts

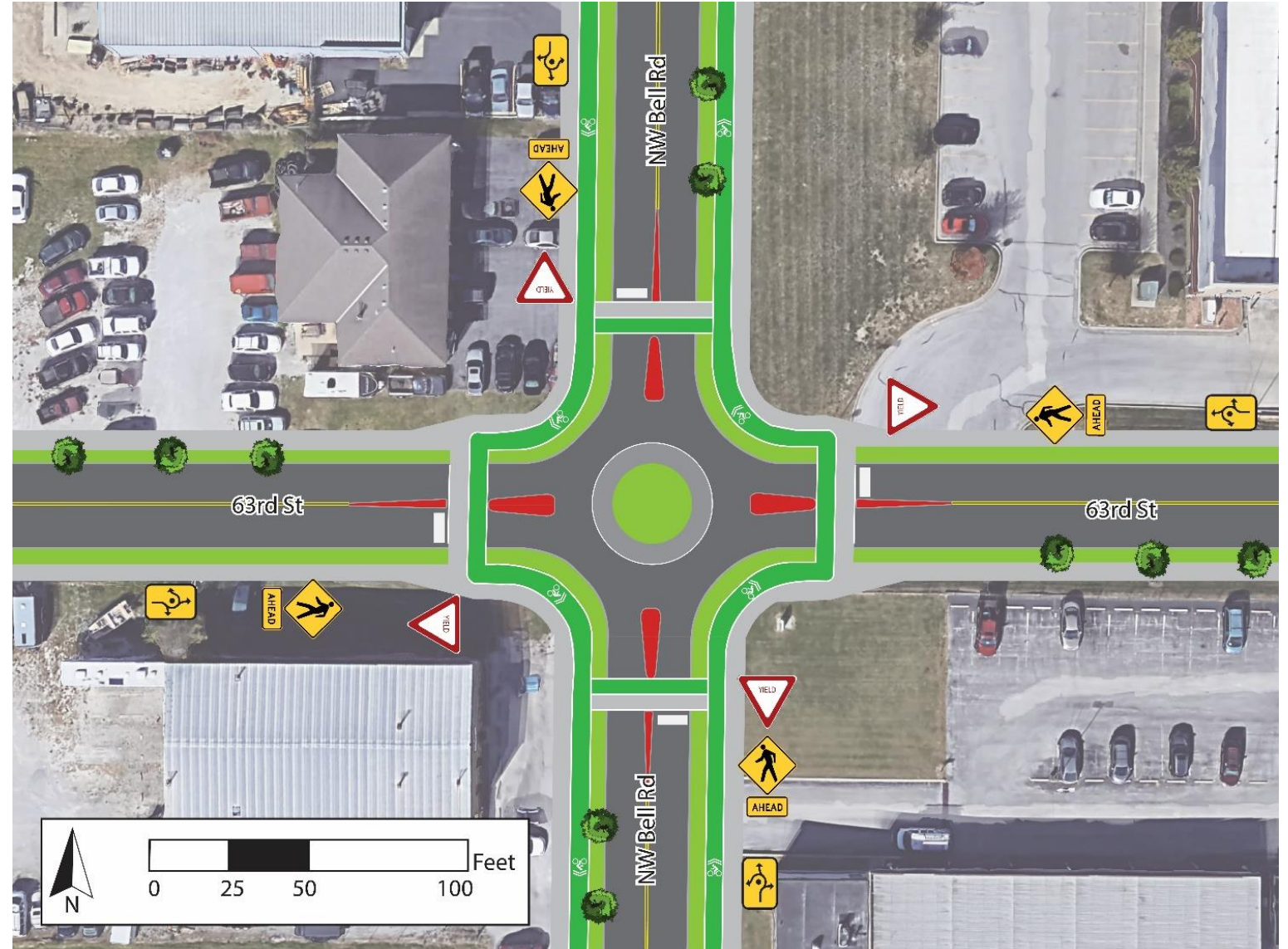
Intersection



● 32 Vehicle conflicts
■ 24 Pedestrian conflicts

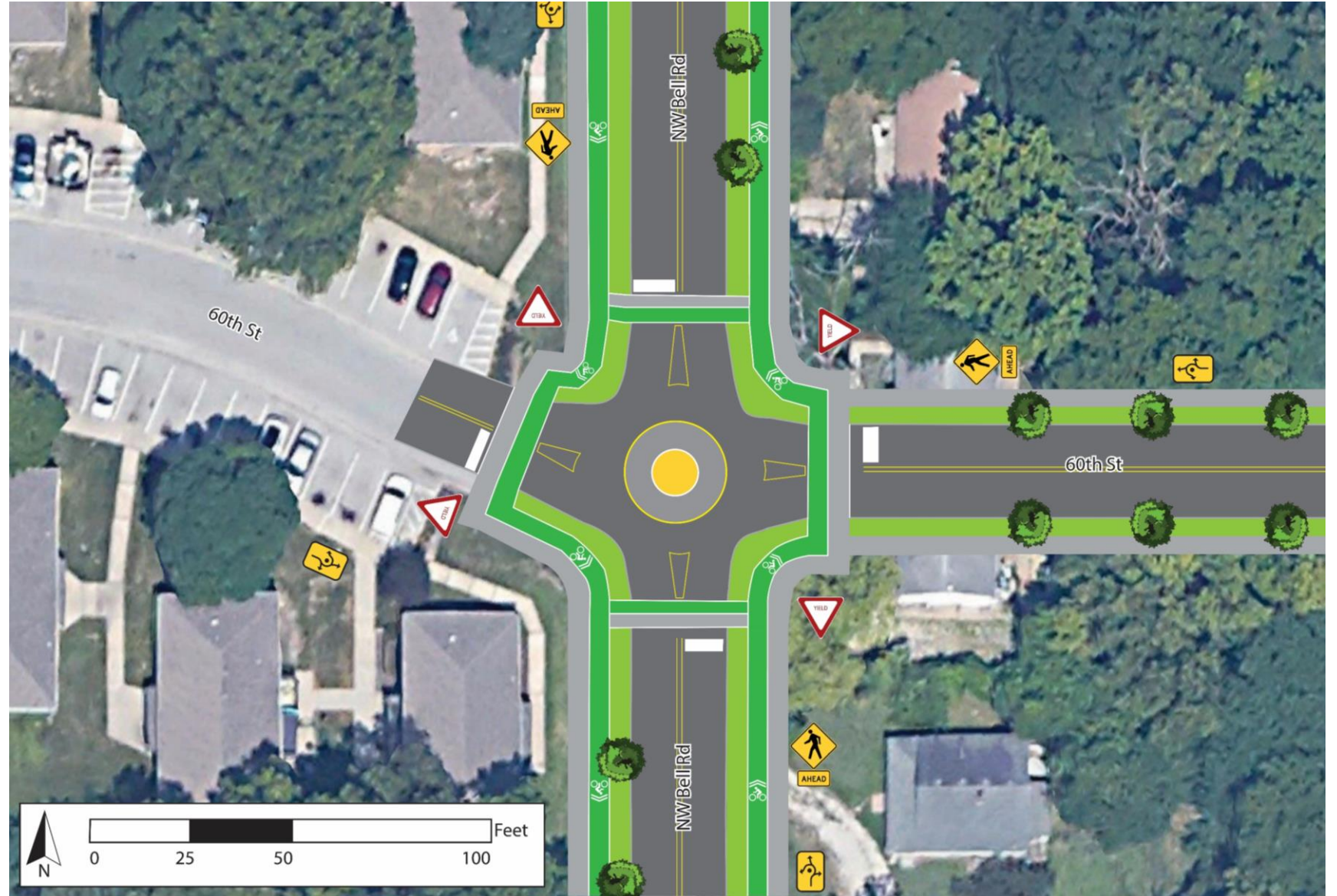
Single-lane Roundabout at 63rd St

- Lane width: 14'
- Center island diameter: 30'
- Roundabout inscribed diameter: 60'
- Roundabout total diameter: 90'
- Maximum speed: 25 mph

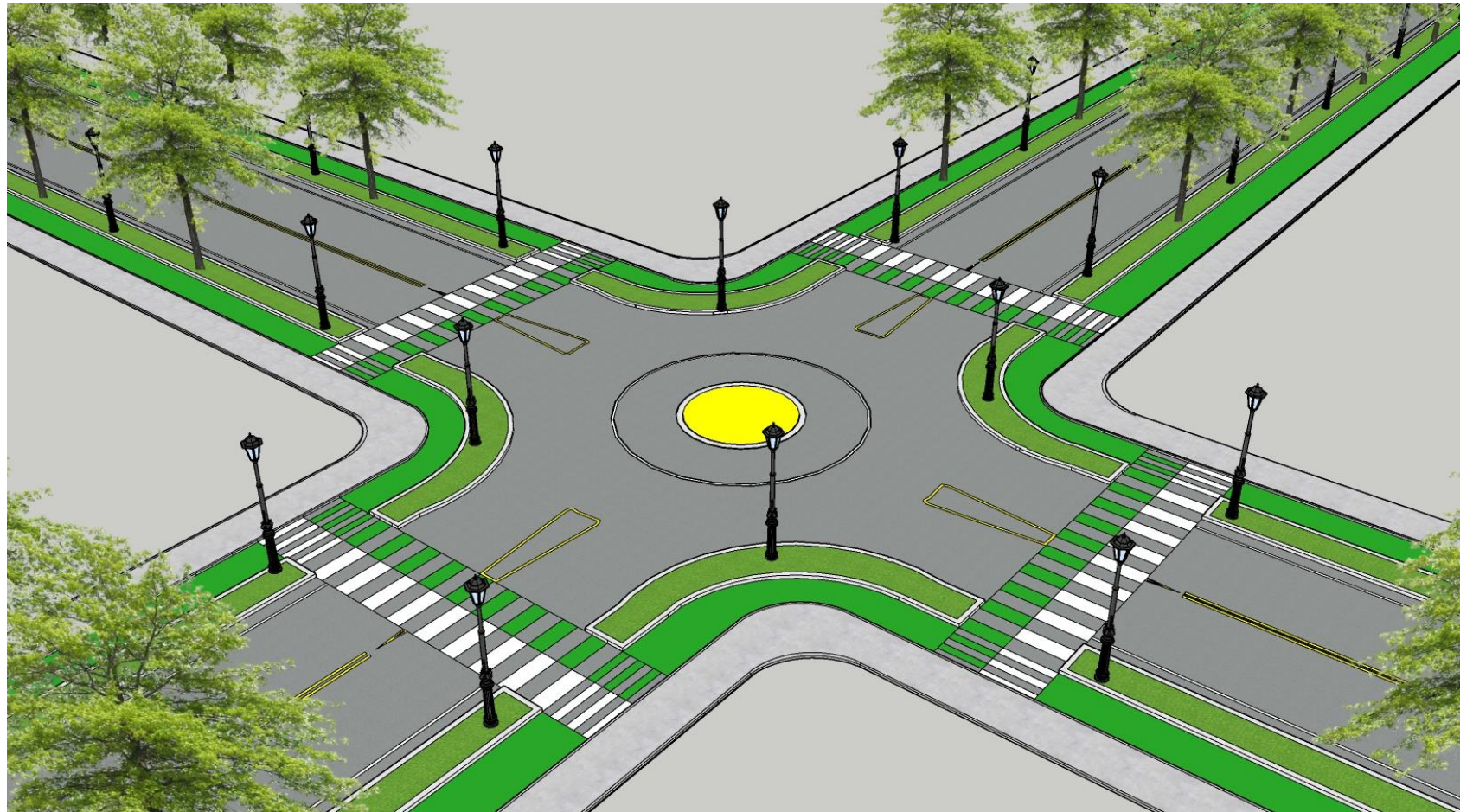


Mini Roundabout at 60th Street

- Lane width: 14'
- Center island diameter: 25'
- Roundabout inscribed diameter: 55'
- Roundabout total diameter: 85'
- Maximum speed: 25 mph



Mini Roundabout



Green Infrastructure

Implementation of natural elements that benefit ecosystems and the human experience.



<https://www.njfuture.org/2021/09/13/new-jersey-municipalities-share-green-infrastructure-planning-progress/>

Treescape

- Parkville has been a “City of Trees” for 32 years
- Opportunity to plant native trees including:
 - Downy service berry
 - Hackberry
 - Green hawthorn



<https://www.mywinterhaven.com/wp-content/uploads/Lake-Elbert-Trail-Project-Information-Sheet.pdf>

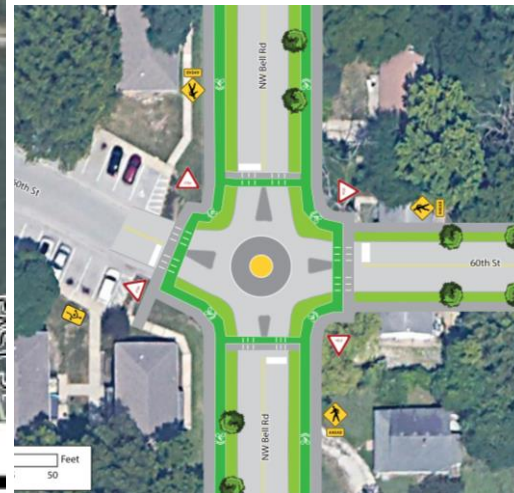
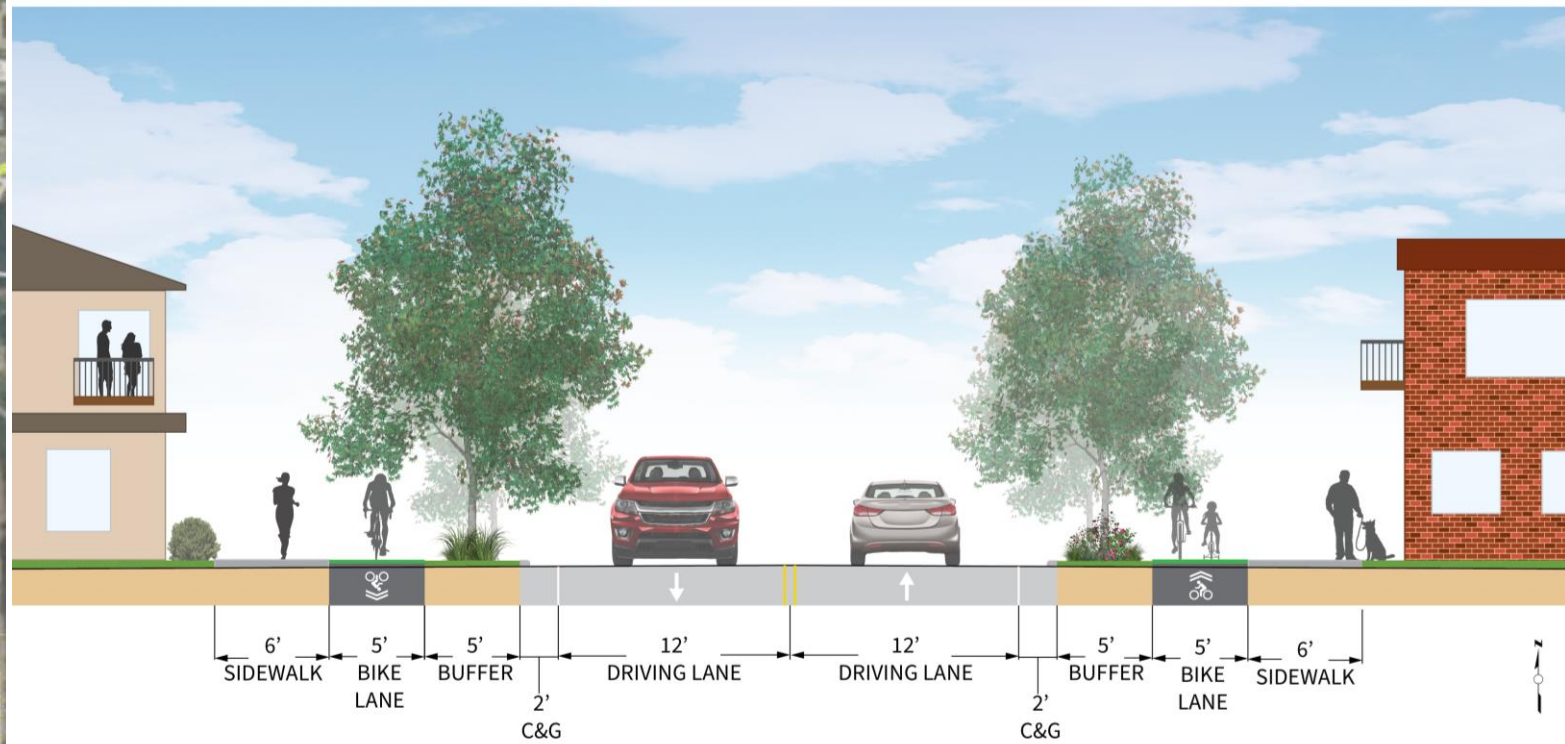
Rain Gardens

- Purpose
 - Stormwater management
 - Filter and capture pollutants
- Native Missouri plants
 - Rose Turtlehead
 - Fox Sedge
 - Orange Coneflower



Lookout at
59th St.





Conclusion

The corridor development for NW Bell Road based on the Complete Streets approach will facilitate the future development envisioned in the Parkville master plan. In addition, the corridor will be safer for all road users by providing curbs for vehicles, protected bike lanes for cyclists, and sidewalks on both sides of the street for pedestrians.

Questions? Comments?

Thank you!

Spring 2022 Senior Urban Planning + Design Studio
Department of Architecture, Urban Planning + Design





Thank you...

- Director of Community Development
Stephen Lachky, AICP, and Staff
- Platte County Planning and Zoning
- Parkville Planning Commission
- Parkville Board of Aldermen
- Members of the Parkville Community

STUDENT CLASSROOM PROJECT AGREEMENT

Course Information Department: Architecture, Urban Planning and Design Course number(s): UPD 412WI		Faculty Instructor: Dr. Sungyop Kim, PhD Semester(s): Spring and Summer 2022
Sponsor Information Sponsor Name: City of Parkville, Missouri Project Coordinator: Stephen Lachky Title: Community Development Director Address: 8880 Clark Ave, Parkville, MO 64152 Phone: 816-741-7676 Email: slachky@parkvillemo.gov	University Information Name: The Curators of the University of Missouri on behalf of Kansas City Agreement Contact: Linda Daugherty Address: 5100 Rockhill Road, KCMO 64110-2499 Phone: 816-235-5634 Email: daughertyl@umkc.edu	
Sponsor Fixed Price (for direct and indirect costs): \$10,000	Payment Terms: ☐ Monthly ☐ Quarterly Payment due within 30 days of receipt of invoice	
Project title and brief description - attach additional description page as necessary: Complete Streets Plan for NW Bell Road in Parkville, MO		

Sponsor understands that these academic courses are designed to provide the University's students with real-world educational research and design experiences. In return for Sponsor's support of and participation in this student Project, the University will provide Sponsor with a copy of the Project results which are intrinsic to and derived directly from the Sponsor's problem of interest, including as appropriate, any inventions, data, analysis, hardware and/or software made by the student participants during the academic course ("Student Project Results"), provided that Sponsor completes and sign this form.

1. **Sponsor to Provide Problem.** Sponsor agrees to provide a problem of interest to be studied by student participants who voluntarily elect to participate in the Project while enrolled at the University as part of an academic course with a mutually agreeable statement of Sponsor-provided Project resources (funds, equipment, property, and/or information).

2. **Payment Terms.** Sponsor will pay University the fixed price in accordance with the payment terms listed above. Sponsor will not use any federal funds to pay for this Project.

3. **Student Intellectual Property.** Student Project Results shall be used solely for Sponsor's non-commercial internal review and analysis only. Any and all rights to the Student Project Results, including all intellectual property rights, if any, shall remain with the individual student participants as applicable under the law regarding rights to and ownership of intellectual property unless there is a separate written agreement addressing the ownership of intellectual property. Prior to any commercial use or subsequent transfer of any Student Project Results, Sponsor must obtain the appropriate rights from the respective student participant owners.

4. **Confidentiality.** Sponsor will not share any of its confidential information during the Project.

5. **Disclaimer of Warranties / Limitation of Liability / Indemnity.** Sponsor understands that this academic course is educational in nature and intended to facilitate student learning and students may make mistakes as a natural, expected, and appropriate aspect of the educational process. Therefore, the Student Project Results and intellectual property therein are provided "AS IS" WITHOUT ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF COMMERCIAL UTILITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, NON-INFRINGEMENT, THE ABSENCE OF LATENT OR OTHER DEFECTS, WHETHER OR NOT DISCOVERABLE, THE SCOPE, VALIDITY OR ENFORCEABILITY OF THE INTELLECTUAL PROPERTY DEVELOPED AS PART OF THE PROJECT. IN NO EVENT SHALL UNIVERSITY ITS CURRENT OR FORMER CURATORS, OFFICERS, EMPLOYEES, AFFILIATES, AND STUDENTS BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OF ANY KIND, REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT OR IN TORT, INCLUDING NEGLIGENCE OR OTHERWISE, AND INCLUDING ECONOMIC DAMAGE OR INJURY TO PROPERTY AND LOST PROFITS, ATTORNEYS' AND EXPERTS' FEES, REGARDLESS OF WHETHER UNIVERSITY MAY BE ADVISED, MAY HAVE OTHER REASON TO KNOW, OR IN FACT SHALL KNOW OF THE POSSIBILITY. The Project will be performed by students and is not subject to peer review or independent verification of results. Sponsor shall at all times indemnify, defend and hold University, its current or former Curators, officers, students, employees and affiliates, harmless from any claim, proceeding, suit, demand, expense, loss, penalty, judgment, or liability of any kind whatsoever, including but not limited to any product liability claims, such as those involving the death of or injury to any person or persons or damage to property, including costs, expenses and reasonable attorneys' fees, resulting from, related to, arising out of, or in connection with (i) Sponsor's evaluation, production, development, manufacture, use, sale, shipping, rental, lease, licensing, advertisement, promotion,

display, or performance, of the Student Project Results or intellectual property therein relating to the Project; (ii) a breach of any obligation, representation, or warranty by Sponsor hereunder; (iii) any violation of applicable law by Sponsor.

6. **Publicity.** Sponsor will not use the name of University, University Faculty Instructor, or any student participant in the Project in any publicity, advertising, or news release without the prior written approval of the President of the University.

7. **Export Controls.** Sponsor is subject to applicable U.S. export control laws and regulations. Sponsor understands that foreign nationals may be part of the student group working on this Project, and thus agrees not to provide any export controlled information or materials to University or students. Should such information or materials be inadvertently provided by Sponsor, University shall have the right to refuse acceptance of such export controlled information or materials from Sponsor, and in such a case, University's obligations to complete the Project shall terminate.

8. **Student Rights.** Sponsor shall not mistreat, disrespect, misuse or overuse the student participants in the Project. Sponsor acknowledges that if the Faculty Instructor in good faith believes that the Sponsor has mistreated, disrespected, misused, overused, unfairly made demands upon, or refused to offer necessary resources and help to students, the Project may be cancelled and/or Sponsor personnel may be excluded from future participation in the Project.

9. **Choice of Law.** This Agreement shall be construed, interpreted, and applied in accordance with the laws of the State of Missouri. Any action to enforce the provisions of the Agreement shall be brought in a court of competent jurisdiction and proper venue in the State of Missouri. Sponsor irrevocably submits to the jurisdiction of such courts in any such action or proceeding. Sponsor further irrevocably and unconditionally waives any objection to the laying of venue of any suit, action or proceeding in such courts and irrevocably waives and agrees not to plead or claim in any court that such suit, action or proceeding brought in any such court has been brought in an inconvenient forum.

10. **Sovereign Immunity.** Nothing in this Agreement is intended or shall be construed as a waiver, either express or implied, of any of the immunities, rights, benefits, defenses or protections provided to University under governmental or sovereign immunity laws from time to time applicable to University.

11. **Entire Agreement.** This Agreement, along with any Student IP Forms referenced herein, contains the entire and only agreement between University and Sponsor with respect to the Project and supersedes or cancels all previous negotiations, agreements, commitments and writings between the parties on the Project. Sponsor (not University) is solely responsible for enforcing the obligations of the student participants to Sponsor with respect to Project intellectual property and confidentiality, if applicable. Without limiting the foregoing, University shall have no obligation to Sponsor to obtain any student participant's cooperation other than to have such student participant execute the attached exhibits, if any. The University shall not be liable for the acts or omissions of student participants under this Agreement. This Agreement may only be amended in writing signed by the duly authorized representatives of each of the parties. By signing the Agreement, Sponsor acknowledges that this Agreement supersedes and replaces any terms and conditions of any Purchase Order or other financial document(s) used to make payment(s).

Effective Date: _____ (if blank, the Effective Date is the date of the last signature below).

In witness whereof, the parties below duly agree to the terms and conditions, and contents of the attachments contained herein.

CITY OF PARKVILLE, MISSOURI

THE CURATORS OF THE UNIVERSITY OF MISSOURI

Signature _____

Signature _____

Printed Name: Stephen Lachky

Printed Name: Yusheng (Chris) Liu, PhD

Title: Community Development Director

Title: Vice Chancellor for Research

Date: February 3, 2022

Date: _____

Project Descriptions
UPD 412WI Urban Planning Design Studio IV
Spring 2022

Complete Streets Plan for NW Bell Road in Parkville, MO

Complete Streets are streets designed and operated to enable safe use and support mobility for all users, including people of all ages and abilities regardless of their travel mode (US DOT, 2021). However, the development of complete streets can vary based on community context. The UMKC Urban Planning + Design Senior Studio aims to develop a complete streets plan for NW Bell Road in Parkville, MO, considering the needs and potentials of the road and surrounding neighborhoods.

The 0.9-miles long NW Bell Road is located west of Parkville Commons Shopping Center and north of downtown Parkville. The 2040 Parkville Master Plan, adopted in May 2021 by the city's planning and zoning commission, promotes developing connected streets for the city's multi-modal transportation, and the NW Bell Road is identified as a corridor for complete streets.



Figure 1. NW Bell Road Project Area in Parkville, MO
Source: Community Development Department of City of Parkville

The UMKC Urban Planning and Design Senior Studio will conduct a study for the future development of the NW Bell Road corridor. The study aims to develop a complete streets design proposal and a development plan for the corridor. The scope of the study includes:

1. A review of development plans associated with the NW Bell Road corridor

2. Analysis of existing conditions of the corridor
3. Pedestrian and bicycle safety audits to assess the multi-modal quality of the corridor
4. Development of a complete streets design proposal
5. A corridor development plan linked to the design proposal

Senior students of the Urban Planning + Design Program at the University of Missouri – Kansas City (UMKC) will conduct the proposed study under the supervision of Dr. Sungyop Kim, Professor of Urban Planning + Design at UMKC. The project will be sponsored by the Community Development Department of the City of Parkville.

Project Plan

This project consists of four phases following the scope of the study:

Phase 1. Review of existing plans and the analysis of existing conditions

The project will begin with a comprehensive review of existing planning documents associated with the NW Bell Road corridor. The review of existing plans will cover both the corridor and city/county level plans to investigate the corridor in the Parkville and surrounding communities.

The project team will conduct a comprehensive existing conditions analysis of the NW Bell Road corridor area. The analysis will include demography, economy, land use, environment, and transportation. As part of the existing conditions analysis, the project team will collect and analyze any relevant crash data and conduct safety audits for the corridor focusing on pedestrian and bicycle environments (Goughnour et al., 2020).

Phase 2. Community engagement

Based on the existing conditions analysis and the review of existing plans, the project team will hold a public presentation to present key findings and their preliminary proposal for the NW Bell Road corridor's complete streets development. The presentation will be a venue to garner public inputs and community insights to develop the complete streets development plan. Also, the project team will engage with the city's planning and zoning commission and the city's Board of Alderman as possible.

Phase 3. Development of a complete streets design proposal

Based on the inputs from the public, the planning and zoning commission, and the Board of Alderman, the project team will develop a complete streets design proposal for the corridor along with a corridor development plan. Particular attention will be given to the feasibility of the design and the plan and the Parkville community's will on the corridor.

Phase 4. Final presentation and the project report

The project team will hold a public presentation to present the final design proposal and the corridor development plan. In addition, a draft project report will be prepared. With a revision based on the feedback from the city's Community Development Department, a final project report will be delivered.

Project Deliverables

1. Database

The project team will deliver the database and materials collected and developed upon completion.

2. Presentations

The project team will hold a mid-term and a final project presentation for the public in coordination with the city's Community Development Department. In addition, all PowerPoint presentation files will be delivered.

3. Project report

A final project report will be delivered at the conclusion of the project.

Project Schedule

The project will start on January 18, 2022, and conclude on August 15, 2022. A more detailed project schedule is provided below.

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Phase I Review of existing plans and the analysis of existing conditions	Existing plan reviews	■							
	Data collection for existing condition analysis	■							
	Analysis of existing conditions		■	■					
	Pedestrian/Bicycle safety audits		■	■					
	Mid-term presentation preparation			■					
Phase II Community Engagement	Mid-term presentation			■					
	Meetings with the planning and zoning commission and the Board of Alderman			■					
Phase III Development of a complete streets design proposal	Complete streets design proposal			■	■				
	Corridor development plan				■	■			
	Final presentation preparation				■	■			
Phase IV Final presentation and the project report	Final presentation				■	■			
	Draft report					■	■		
	Final report							■	■

Project Funding Request

Supplies:	\$1,850
Travel:	\$200
Personnel:	\$3,168 (plus 37% fringes of \$1,172)
Total Direct Costs:	\$6,390
+	
Indirect Costs (56.5%):	\$3,610
Total Project Costs:	\$10,000

References

US Department of Transportation (2021), *Complete Streets*. Accessed on Dec. 16, 2021.

<https://www.transportation.gov/mission/health/complete-streets>.

Goughnour, E., Albee, M., Thomas, L., Gelinne, D., and Seymour, J. (2020), *Pedestrian And Bicyclist Road Safety Audit (RSA) Guide and Prompt List*, US Department of Transportation.

https://safety.fhwa.dot.gov/ped_bike/tools_solve/docs/fhwasa20042.pdf

City of Parkville (2021), Parkville 2040 Master Plan. Accessed on Dec. 16, 2021.

<http://parkvillemo.gov/government/city-plans-studies/master-plan/>