CITY MANAGER'S OFFICE

# Manager's Update

raleighnc.gov



Issue 2025-42 October 24, 2025

## IN THIS ISSUE

Missing Middle Study -- Final Digital Booklet Weekly Digest of Special Events

Council Follow Up Items

History & Current Utilization of the GoRaleigh R-Line

## **INFORMATION:**

## City of Raleigh Missing Middle Study -- Final Digital Booklet

Staff Resource: Justin Bucher, Planning & Development, 996-2234, justin.bucher@raleighnc.gov

The *Voices on Housing* report, prepared by the Pappas Real Estate Development Program at North Carolina State University in partnership with the City, evaluates the early impacts of the city's Missing Middle Housing policies. Findings from the report show that most new units are being used as permanent housing and are concentrated near transit, parks, and schools, supporting Raleigh's goals for walkable, transit-oriented growth. According to the study, residents generally support the increased housing choice but emphasized the importance of maintaining quality, affordability, and neighborhood character. The report recommends pairing zoning reforms with affordability tools, continued data tracking, and ongoing community engagement to ensure these policies result in equitable and sustainable outcomes. Included with the *Update* materials are the full report and a staff memorandum summarizing key findings and takeaways from the report.

(Attachment)

Issue 2025-42 October 24, 2025

## **Weekly Digest of Special Events**

Staff Resource: Sarah Heinsohn, Office of Special Events, 996-2200, <a href="mailto:sarah.heinsohn@raleighnc.gov">sarah.heinsohn@raleighnc.gov</a> Included with the Update materials is the special events digest for the upcoming week.

(Attachment)

## Council Member Follow Up Items

Follow Up to the September 23 Economic Development and Innovation Committee Meeting

## **History & Current Utilization of the GoRaleigh R-Line**

Staff Resources: Het Patel, Transportation, 996-5120, het.patel@raleighnc.gov

During the meeting, Committee Members requested that staff provide information on the history and current utilization of the GoRaleigh R-Line and possible reprogramming options. Included with the *Update* materials is a staff memorandum detailing the requested information.

(Attachment)

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# memo

То	Marchelle Adams-David, City Manager
Thru	Niki Jones, Assistant City Manager
From	Patrick O. Young, AICP, Director
Department	Planning and Development
Date	October 24, 2025
Subject	Missing Middle Housing Report

## **Purpose**

This memorandum summarizes key findings and takeaways from the 'Voices on Housing – A Qualitative Study of the Impacts of Raleigh's Missing Middle Policies' report prepared by the Pappas Real Estate Development Program at NC State University in collaboration with the City of Raleigh Planning and Development Department. The report evaluates early outcomes of Raleigh's Missing Middle Housing policies, which expanded housing options through text changes to the Unified Development Ordinance (UDO).

## **Background**

Raleigh is experiencing rapid population growth, rising housing costs, and increasing pressure on housing availability. Despite strong housing production, the market has struggled to meet demand—especially for smaller, affordable homes located near jobs and amenities. Beginning in 2020, Raleigh adopted a series of text changes (e.g., Accessory Dwelling Units, Cottage Courts, Missing Middle Housing reforms) which sought to promote housing choice, address housing affordability, and increase residential density in areas planned for high-frequency transit service.

## This report aimed to:

- Assess whether Missing Middle-enabled units are being used as permanent housing.
- Understand the experiences of residents living in these new housing types and the impacts on nearby neighbors.
- Explore "chain-of-moves" effects—whether the creation of new units frees up existing housing elsewhere.
- Identify policy opportunities and areas for further study.

## **Key Findings**

## 1. Early Uptake and Use as Permanent Housing

Field observations show that about 85% of newly constructed Missing Middle units are occupied, with 89% used for permanent housing (as opposed to short-term housing). This indicates that the program is successfully adding to the city's effective housing supply.

## 2. Concentration in Central Neighborhoods

The report's spatial analysis of Missing Middle permits reveal the geographic spread of Missing Middle-enabled permits to be primarily inside, or closer to the I-440 Beltline as compared to all Residential Permits during the same period. Despite this pattern, a large percentage of Missing Middle permits originate from discrete projects that are located outside the beltline. These projects appear to be greenfield development sites, as opposed to infill projects located in existing neighborhoods.

Additionally, the Missing middle enabled permits tend to be located in higher-density, residential zoning districts (R-10, R-6). These units are generally close to public transit, parks, schools, and other amenities—supporting Raleigh's transit-oriented development goals and promoting walkability. Additionally, preliminary analysis shows that the proportion of Missing Middle enabled housing in Low-Income and Low-Access census tracts isapproximately 1.6 times higher than its proportion across the full study area. These aforementioned census tracts are primarily located in Southeast Raleigh.

## 3. Resident Priorities: Affordability & Quality

In addition to preliminary quantitative findings, Residents stressed that affordability should not come at the expense of quality. They expressed support for continued zoning reforms but emphasized:

- Developer accountability ensuring promised features and quality are delivered.
- Affordability and inclusion addressing rising property taxes and potential displacement.
- Balanced growth protecting neighborhood character while accommodating density.

## 4. Evidence of "Chain-of-Moves" Effects

Most residents who moved into Missing Middle enabled housing came from within Raleigh or Wake County, vac gother units and potentially increasing availability elsewhere. While this su sts Missing Middle policies may ease regional housing pressures, the stud otes that quantifying this effect requires more data over time.

## 5. Mixed Perceptions on Affordability Impact

While many study respondents praised the additional housing options, several questioned whether "missing middle" homes are truly affordable for middle-income households, particularly in high-demand neighborhoods. Concerns about gentrification and displacement remain salient.

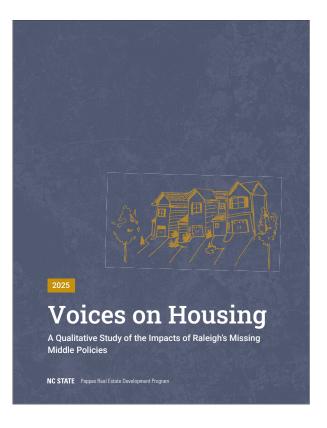
## **Recommendations & Policy Implications**

The study recommends that Raleigh:

- Continue advancing Missing Middle policies to diversify housing stock and support gentle density.
- Pair zoning reform with affordability strategies, including property tax relief and municipal funding for low- and moderate-income households.
- Streamline permitting processes to encourage additional production of missing middle units.
- Enhance public communication and engagement to address misconceptions concerning neighborhood change.
- Monitor long-term impacts through ongoing data collection on affordability, displacement, and housing mobility.

## Conclusion

The report indicates that Raleigh's Missing Middle policy reforms show promising results by adding new housing options and supporting more compact, transit-accessible growth. However, affordability and displacement concerns should remain central to policy considerations moving forward. Investing in continued data collection, public engagement, and complementary affordability measures will help ensure that Missing Middle policies create equitable, inclusive, and sustainable outcomes for Raleigh's residents.





#### Introduction

This report summarizes Phase One of a collaborative project between the Pappas Real Estate Development Program at NC State University and the City of Raleigh's Planning and Development Department. It supports the City's efforts to evaluate the impacts of Missing Middle housing and guide future planning. The research addresses four areas:

- Resident experiences living
   Perceptions of nearby in Missing Middle Housing
- 2 Broader "chain-of-moves" effects on the regional housing market
- Preliminary distribution patterns by use (permanent housing) location and building type

As part of a portfolio of housing strategies, text changes to the city's Unified Development Ordinance that encourage Missing Middle housing have the potential to be an effective tool for addressing Raleigh's housing challenges by expanding choices within neighborhoods. As a new program, the influence on affordability and chains-ofmoves within the city is not yet clear. However, initial data suggests that most units completed under the text change are currently in use as permanent housing. The personal stories shared by new missing middle residents - about families finding homes they can afford and young professionals staying in the city rather than moving away - connect zoning reform to real lives. Concerns were also shared - such as the complexity of micro-homeowners associations and the inability of realtors to explain the long term values of their homes - point to opportunities for more robust research and public information.

Even though there was limited data due to the fact that the Accessory Dwelling Unit and Missing Middle text changes are relatively new, it was important to do this study now to assess the outcomes to date and identify any trends in case they indicate the need to make adjustments. More importantly, this study sets the stage for future studies that will benefit from more robust data.

## Framing the Issue of Housing in Raleigh

Rapid Growth, Rising Costs: Raleigh's Housing Landscape Raleigh is one of many cities in the US experiencing argue that cities benefit from pursuing reforms

VOICES ON HOUSING

significant growth (US Census Bureau). There are that increase the types, locations, and price points many factors driving Raleigh's growth including employment opportunities in its nationally prominent tech and medical companies and area niversities. Equally important are its quality of life and lifestyle attractions. It is consistently ranked Thompson, 2025, p. 215). as one of the best US cities to live in for its culture affordability, and job opportunities (City of Raleigh, 2024). Raleigh's newer residents fit the profile of cities because of the housing, cultural institutions. and amenities they offer (City of Raleigh, 2024).

Desnite substantial housing production Palaigh is struggling to keep pace with demand. Rising prices and development patterns that have tended to focus on low and mid-rise apartment complexes and single family homes have resulted in few sing choices. National experts argue that healthy housing system must balance supply and demand, offer diverse options, and ensure access

of housing available within neighborhoods. As should reform their zoning laws to make it easier to build homes and apartments of all sizes" (Klein &

The aim is to increase the supply of modestsized and multi-unit housing in established added density. Because these strategies are understand how specific community factors shape their outcomes. The goal is to encourage private sector actors—such as individual property owners, realtors, architects, and developers-to reconsider housing value in ways that reflect the social and economic realities of municipal growth. At the same time, the changes seek to discourage housing commodification, or speculative investment that keeps homes vacant to restrict



FRAMING THE ISSUE OF HOUSING IN RALEIGH

RALEIGH'S HOUSING LANDSCAPE SUMMARY

To meet its moment of growth, Raleigh has improve affordability, and encourage development

VOICES ON HOUSING

#### Raleigh's Strategies: Addressing Housing Needs

United States (Switek, 2025). This growth draws a communities and contributes to rising demand in an already strained housing market. In 2022, the National Association of Realtors ranked Raleigh-Durham as the 6th hottest housing market in the country (Rouse et al., 2024).

and trade-offs. City officials and planners must navigate the complex task of expanding housing options while sustaining the qualities that new and old residents value-affordability, neighborhood sense of community. Growth-related changes often raise valid questions about sustainability, equity, landuse, and green space. Residents' concerns about these changes reflect deep attachments to place, and it is essential to engage with those concerns respectfully and transparently

In response to ongoing housing shortagescharacterized by a limited supply of units, narrow range of housing types, and few locations where new housing is allowed-Raleigh has made Ordinance (UDO). These changes are part of a broader trend among U.S. cities and states to modernize land use policies in ways that support diverse housing options. In 2020, the city legalized Accessory Dwelling Units (ADUs) and cottage

courts by right city-wide (TC-16-19 and TC-6-18). Subsequent text changes (TC-5-20, TC-20-21 and TC-6-21) expanded the allowance for various forms of Missing Middle housing in many residentially zoned areas. These include duplexes, town homes and tiny homes. We define TC 05-20 as Missing

Raleigh, like many U.S. cities, operates within a unique landuse framework in which most of the zoning decisions are made locally, rather than at state or national levels (Hirt, 2024). This broad power is only limited in specific instances- North no power to regulate "building design elements" for structures subject to the North Carolina Residential Code (N.C. Gen. Stat. Section 160D-702, 2023). While this authority gives municipaliti like Raleigh significant power to shape the built environment, it also places them at the center Community members-especially long-term residents and neighborhood advocates, play an essential role in shaping these discussions However, cities across the country have found that opposition to zoning reform, often from well-organized "home voters" or "neighborhood solutions (Einstein, Glick, Palmer, 2020). In many ases engagement with these groups can reveal assumptions in policy proposals that need to be tested. However, prolonged and misdirected growth that erodes the financial cultural and protect (Wicki et al., 2022).

of new zoning can help address community concerns. This information is vital to a public process that address resident's fears that changes FRAMING THE ISSUE OF HOUSING IN RALEIGH

threaten the stability, affordability, or identity of their neighborhoods. Some risks are real-such as displacement pressures or loss of tree coverhile others may be based on misperceptions o a lack of clear information. For example, recent studies find a high percentage believe that increased housing supply increases housing prices (Been, 2018, Nall, Elmendorf, and Oklobdzija, 2022), others that new housing risks gentrification and

Unlike many European countries, where a mix of housing types is seen as compatible and expected, the U.S. has a long history of exclusionary environment (Hirt, 2014). In the U.S., the singlefamily detached house has long been a symbol of autonomy, success, and financial stability. For many, homeownership—especially in a single-family home—represents both personal identity and wealth accumulation. Any perceived threat to that investment, such as new or unfamiliar ho

displacement though the correlation has not been

types, may feel like a risk to one's future security. In high-demand neighborhoods near city centers, these concerns are amplified, often making them flashpoints for zoning debates-and Raleigh is no



#### Adopted Text Change Timeline

1/18/2020	7/22/2020	8/5/2021		
TC-6-18 Cottage Courts	TC-16-19 Accessory	TC-05-20 Missing Middle Housing		
"An oridance to modify regulations	Dwelling Units			
for the cottage court housing	"Raleigh Unified Development	"An ordinanace to increase housing		
pattern."	Ordinance allowing accessory	options by expanding the allowable		
	dwelling units on lots with existing	building types, adjusting minimum		
	detached or attached houses."	yards, lot, and site areas, and		
		removing unit per acre density		
		restrictions in most residential		
		zoning districts."		

3/7/2022

TC-6-21 Tiny Ho

8/8/2022 TC-20-21 Missing

## **Outcomes of Missing** Middle Housing Policy Change

14 What is Missing Middle Housing + Incremental Development?
16 Reconciling Public Preferences with Market Realities

OUTCOMES OF MISSING MIDDLE HOUSING DOLLOY CHANGE

#### What is Missing Middle Housing + Incremental Development?

modest-scale, multi-unit housing types—such as duplexes, triplexes, fourplexes, townhouses and accessory dwelling units (ADUs)-that historically played an important role in American neighborhoods. These housing types remain visible in many older Raleigh communities but due to decades of restrictive zoning (Hirt. 2014). it illegal or very difficult to build these types of homes. Recent text changes to the Unified Development Ordinance (UDO) have begun to reverse this trend by allowing a broader range of

This shift aligns with a national zoning reform movement aimed at expanding housing choice to better meet the needs of a diverse and changing population. As housing scholar Jenny Schuetz explains "A diverse housing stock is essential to supporting an economically and demographically diverse population" (Schuetz, 2022). Missing by accommodating a wide range of household types, income levels, and life stages—from young professionals and small families that need more

## KEY CHARACTERISTICS AND BENEFITS

particularly effective in high-demand areas-such as urban cores and first-ring suburbs-where it can increase access to jobs, services, and transit without dramatically altering neighborhood

types offer a "gentle density" that blends into while increasing housing supply.

financed by small, local developers, these homes

and equity-building opportunities

VOICES ON HOUSING

Affordability and Flexibility: By adding smaller units and shared living options, Missing Middle Housing can help moderate housing costs. Options like ADUs, cottage courts, and live-work units support intergenerational living and economic

walls reduce energy use. Their walkable scale supports public transit, decreases car dep and helps limit urban sprawl. The U.S. EPA has found that neighborhoods with compact, diverse using types use significantly less energy and water (Garcia et al. 2022)

A RESPONSE TO MARKET DEMAND AND DEMOCRAPHIC CHANCE

"The types of homes Americans need

The need for housing types that fit today's families

is growing. As the U.S. population ages and household sizes shrink, more people are as journalist Jerusalem Demsas notes, "The ypes of homes Americans need simply don't exist". Missing Middle Housing helps close that gap—especially when integrated into walkable, transit-rich "Complete Communities

that support racial and socioeconomic

half of Americans say they would prefer to live in Missing Middle-style homes near local shops and services (Arigoni & Parolek, 2024) -most housing in Raleigh is single-family and



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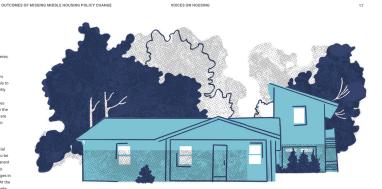
#### Reconciling Public Preferences with Market Realities

Many residents support the idea of more diverse affordable, and environmentally sustainable housing—particularly when it supports local businesses, enables aging in place, and offers options for smaller households. Yet, proposals to single-family neighborhoods often generate strong push back. Residents may fear changes to neighborhood character, loss of control, or the arrival of unwanted density. These concerns are

Adding to the complexity, housing in the U.S. serves both as a place to live and as a financial asset. While Missing Middle housing needs to be constructed, it also must be used as a permanent Housing stock cannot quickly adjust to changes in same time, most housing is produced by private developers. Federal or state housing projects contribute only a minute portion. As a result, the system often struggles-especially in high-demand cities like Raleigh—to deliver diverse housing options (Schuetz, 2022). This disconnect between housing preferences, community needs, and what is actually available highlights the ongoing need for zoning reform, public engagement, and targeted investment in housing diversity.

## MARKET REALITIES AND POLICY

on the private market to finance and build new



housing. Federal and state housing subsidies are limited, and local governments have relatively few tools to directly address affordability challenges Zoning reform is one of the few mechanisms available to increase supply, support affordability, and guide more inclusive growth.

Missing Middle Housing fits this context by

Affordability by design (smaller unit sizes at lower

neighborhood scale

Local economic benefits by enabling small-scale, Increased access to desirable areas near jobs,

#### CORRECTING MISCONCEPTIONS WITH EVIDENCE AND ENGAGEMENT

Despite growing evidence supporting housing supply as a key factor in reducing overall housing costs, public misconceptions persist. Many believe that new housing increases prices and causes displacement. However there is evidence to suggest that adding market-rate units through

pressure in the market (Pennington, 2021). In Finland, Missing Middle housing sparked "moving chains" that ultimately freed up units for lowerand middle-income households (Bratu, Hariunen, & Saarimaa, 2021). Similar trends have been observed in U.S. cities, where zoning reforms that with improved affordability over time (Stacy et al...

Missing Middle Housing can reconcile community desires for affordability, sustainability, and inclusion with the realities of how housing is

OUTCOMES OF MISSING MIDDLE HOUSING POLICY CHANGE

financed, built, and regulated. In Raleigh, recent

expanding options while preserving neighborhood

Missing Middle text changes aim to support transit-oriented development and increase housing choice for a broader range of residents.

By acknowledging and addressing the cultural and economic roots of public concerns-and by meaningful community engagement-Missing Middle Housing offers a grounded, realistic, and inclusive response to Raleigh's evolving housing

The following sections present the research goals, methods, and findings from this study, which combines both quantitative evidence and qualitative perspectives to inform future planning

## Geospatial Data + Analysis

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### **Residential Permit Distribution & Missing** Middle Housing Impact housing permits within the I-440 Beltline. This contrasts with the "All Residential Permits" data, showing housing more broadly distributed across the entire city. This visual evidence suggests that Raleigh's MM1 drives increased urban density and

- MM1 Enabled Outside of Study (289) Townhouse (30)
- New Building (2) Duplex (2)
- Internal ADU (1)
- Attached ADU (5) Residential Permits Since MM1 (6.603)

# GEOSPATIAL DATA + ANALYSIS diverse housing options specifically within central New Single Family Dwelling (178)

## Distribution of Missing Middle Housing Categories

GEOGRAFIAI DATA + ANALYSIS

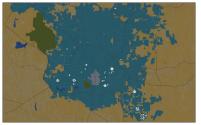
the specific housing types enabled by Missing Middle Policy 1 (MM1), illustrating their individua distribution patterns across Raleigh. It's important to note that 289 MM1-enabled housing permits were not included in this study, as they were not fully completed at the time of our data set creation Therefore, these maps represent a snapshot of the completed MM1 projects.

Within our study population, New Single Family Dwellings comprised the largest portion of MM1-enabled permits (178 units). This is a city permit classification that primarily includes tear-down properties that went from 1 to 2 units. In this case, only the second unit counts as missing middle nabled. New Single Family Dwellings' distributions often shows clustering in new, smaller-scale developments, predominantly within existing neighborhoods inside the I-440 Beltline.

by MM1 consists of Detached Accessory Dwelling Units (ADUs). Their individual permit locations contribute to the overall density, typically appearing as single units on existing residential lots. The remaining MM1 housing type categories had minimal representation in this study group, indicating that their development has been less frequent to date. Collectively, these maps reinforce how MM1 policies are fostering new housing types, particularly single-family and ADUs, to increase density within central Raleigh.

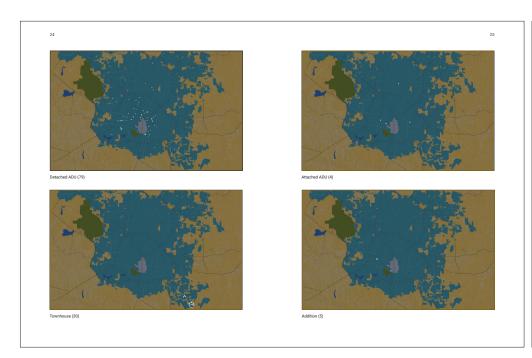
MM1 Enabled Outside of Study (289)

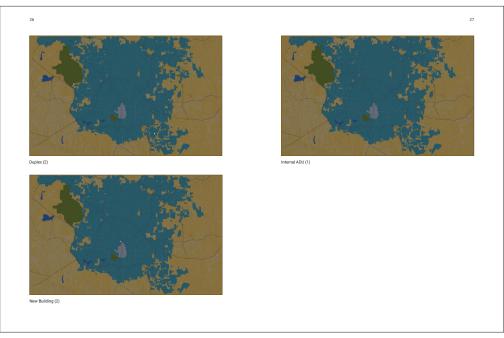
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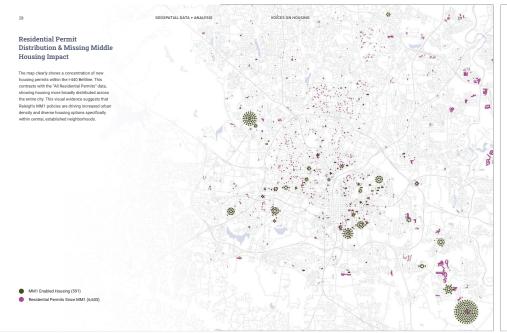


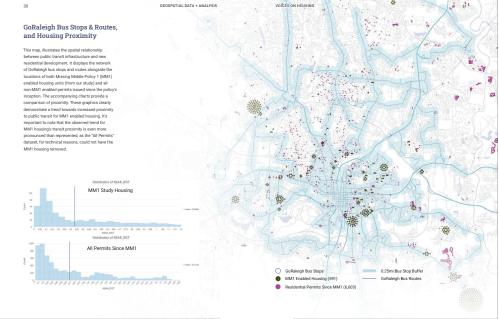
New Single Family Dwelling (178)

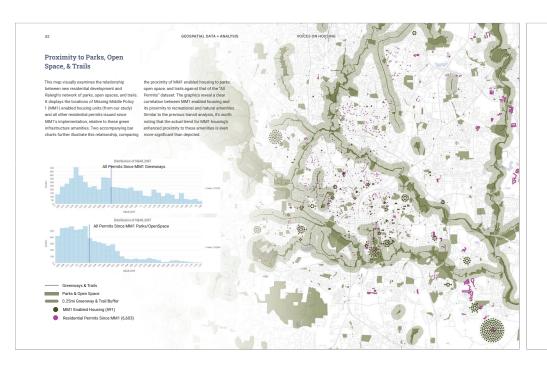
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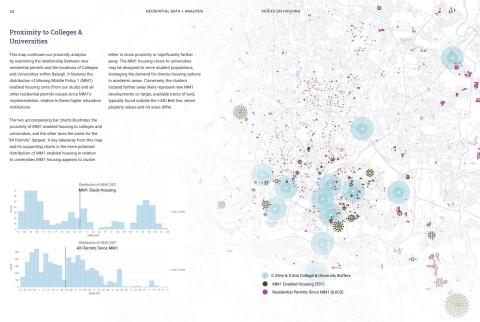


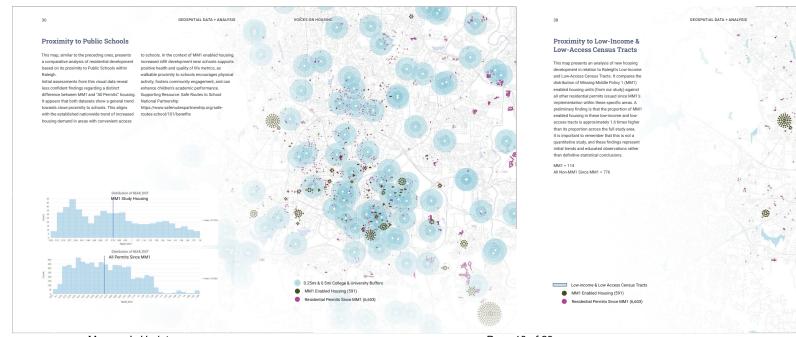


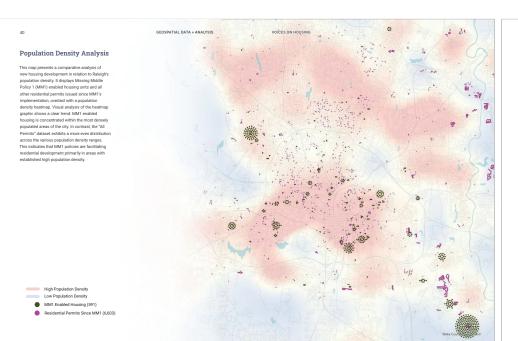


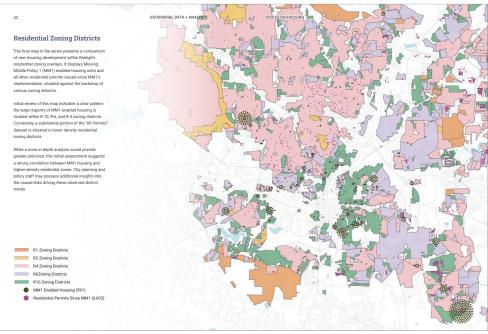
















VOICES ON HOUSING

#### Data Analysis

To analyze our research on Raleigh's Missing Middle Housing, we used a mixedmethods techniques. This multi-faceted approach allowed us to thoroughly examine the impact of MMH in Raleigh, looking at how housing policies, resident experiences, and neighborhoods all connect.

SURVEYS

ENSURING RELIABILITY

We had multiple researchers

interviews to make sure our

review our analysis of the

accurate.



FIELD OBSERVATIONS see the new housing and its surroundings, providing real

THEMATIC ANALYSIS

We carefully read interview

themes and patterns in what

software to help organize this.



many residents through surveys, using numbers to identify trends their individual experiences and



## COMBINING THE DATA

We then brought together what us, and what we learned from us get a more complete and trustworthy understanding of



- 51 Key Resident Priorities 52 Chain-of-Moves Dynamics

- Housing Transitions: Resident Stories
   Residents' Recommendations for the City
- 59 Survey and Interview Demographics



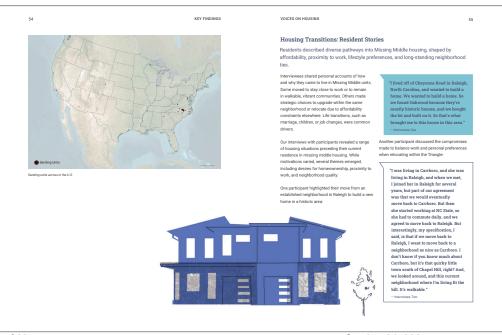
#### **Key Resident Priorities**

Residents call for balanced growth, improved housing affordability, and greater accountability from developers to ensure new development meets community needs.

Interview participants consistently emphasized that several raised concerns about the lack of recourse affordability should not equate to lower quality. One when developers fail to deliver on promises ontions. Others expressed concern that rising out of their homes. Participants also noted the need to ease development constraints in order to boost housing supply and affordability. However,

resident stated they would be willing to pay more in taxes to support dignified, affordable housing Gentrification and displacement also surfaced as critical issues, particularly in neighborhoods near city's progress, but called for a more intentional. equitable approach to development that supports inclusion and long-term affordability.

## KEY EINDINGS VOICES ON HOUSING Chain-of-Moves Dynamics those moving into Missing Middle housing will and on the following pages. Fully exploring these vacate other units, creating a "chain of moves" ancillary impacts of Missing Middle Housing is that may ease regional housing pressures and beyond the scope of the study due to the relative expand options for others. To evaluate this ripple current housing locations, offering insights into movement patterns across the Triangle. Most participants moved to new MM1 housing from respondents coming from outside the State. These moves helped free up units in more expensive or less accessible parts of the region, potentially increasing availability for a broader range of households. To better understand this dynamic, we surveyed participants for information on their previous and current housing locations, including cross streets and zip codes. The data provides insight into movement patterns and housing Where Respondents Are Moving From Inside Wake County



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KEY FINDINGS VOICES ON HOUSING

#### Residents' Recommendations for the City

Participants encouraged the City of Raleigh to sustain momentum on zoning reforms while addressing affordability, ensuring developer accountability, and mitigating displacement

Residents expressed support for the city's efforts to modernize zoning but urged more transparency and oversight to ensure promised outcomes are delivered. One participant cited the benefits of density-like reducing traffic and supporting mass transit—but cautioned against opposition that migh "stifle progress." Others called for more thoughtful planning that protects neighborhood character while meeting future needs. The most common call was for continued focus on affordable housing-Concerns about gentrification, displacement, and the need for deeper understanding of their root causes were shared across a wide range of

One participant expressed optimism about the city's current trajectory while acknowledging the tensions between progress and neighborhood

a critical issue, with one participant emphasizing that affordability should not mean lower standards

"I think affordable housing is really the number one issue, and I don't think affordable housing should mean substandard or insufficient housing engineered, but I'd be willing to pay something should be done for people who are historic owners of properties and are getting taxed out of their homes. Some people can't even live in get too high."

Participants also stressed the importance of housing supply and affordability. As one participant badly wants to ease constraints more housing supply and, hopefully, improve affordability... We'd be very keen for the city to remain focused on smart growth and breaking dow building."

accountability of developers and the impact of

You're really rolling the dice on what it's gonna end up being versus what was promised. And you have no recourse... If your property value drops because they didn't keep up with their promises, there's nothing you can do about it."

Affordability challenges and gentrification were also top of mind for many participants, especially as they navigated housing decisions. One participant shared their experience of weighing affordability against proximity to downtown

Raleigh.

"It's very, very expensive to want to I could easily go somewhere outside of city limits and pay at least \$100 bigger dwelling. It's the give and tak And with gentrification, I think people need to understand the deeply rooted context behind it. When I see houses in lower-income areas, it's

Raleigh to maintain a balanced and equitable approach to housing and development. Residents recognize the strides the city has made but call for nued efforts to address affordability, ensure accountability, and approach gentrification and neighborhood change with thoughtful planning.

## KEY EINDINGS Survey and Interview Demographics

Survey respondents were predominantly White, lived in two-person households without children, and represented a range of household types and experiences across 20 interviews

Middle residents (n = 32) and 0.05% for neighbors in two-person households and the majority did (n = 79). Of the 110 respondents who shared racial not have children. A total of 20 interviews were identity, 74% identified as White. Other respondents completed (14 men. 6 women), including six included 5 African American/Black; 6 Hispanic/ Latinx; 1 Asian/Pacific Islander; 2 American Indian/Alaska Native; and 1 Mixed race (Black & Missing Middle homes, survey participants, and 1% nonbinary/gender non-conforming, and 6%

new ordinance. The geographic distribution of



Recommendations and Further Study

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Conclusions

Study participants living in missing middle housing largely welcomed the gentle increase in density that MMH reforms permit, citing an openness to "creative land use."

The findings of this Phase 1 study on Missing Middle Housing (MMH) in Raleigh align with broader debates about how new residential and neighborhood character. In particular, our esults echo two key strands in the literature In Mast (2023), new market-rate construction was shown to yield "chain of moves" effects by ndirectly freeing up more moderately priced housing through vacancies across a range of potential for localized spillover benefits-such as a risk-even as new buildings can attract higherincome newcomers, raising concerns about

In Raleigh's case, our study participants living in missing middle housing largely welcomed the gentle increase in density that MMH reforms ermit, citing an openness to "creative land use Field observations confirmed that approximately occupied, with the intent for permanent housing in 89% of cases. This uptake supports Mast's (2023) contention that an increase in supply quickly meet latent demand, potentially mitigating further price pressures. At the same time, some respon questioned whether "missing middle" homes were truly middle-income products. Several interviewees equated to properties with relatively high prices especially those located "inside the Beltline" or near desirable amenities. These observations resonate with Pennington's (2022) finding that new buildings can be perceived as contributing to higher, not lower, average housing costs in close proximity-particularly when the underlying land values are high.

DECOMMENDATIONS AND EURTHER STUDY

who moved into MMH units primarily described positive neighborhood experiences—mirroring Pennington's (2022) finding that net displacement rick can ramain stable or even decrease. Many respondents cited the advantages of new construction and better housing quality. They also appreciated that relaxed regulations facilitated more flexible housing forms (e.g., duplexes and accessory dwelling units). According to Mast (2023), these incremental additions to the housing stock can, over time, loosen demand in older and lower-cost units, even though immediate effects may be subtle. Our survey data and interviews underscored that many new MMH residents had vacated other housing in Raleigh or Wake County suggesting that a "vacancy chain" may occur. Yet quantifying its impact, particularly for lower-income residents, is challenging.

A key policy question is whether MMH can improve affordability beyond high-priced areas. While Mast (2023) underscores that building "higher-end" or moderately priced units can indirectly benefit lower-tier submarkets, several Raleigh interviewees speculated that MMH's price point might be too high to substantially relieve cost burdens for middle- or low-income households. Consistent with Pennington (2022), a few participants voiced reservations about potential long-term

VOICES ON HOUSING

"price in" higher-income newcomers, thereby changing the social fabric of a neighborhood. Yet we also recorded instances of optimism, with residents noting "a marathon of trick-or-treaters" that signals neighborhood revitalization and the benefits of renewed housing stock. Einally the "chain of movee" dynamic remains

gentrification, explaining that new units sometimes

an area for further research. Our attempts to track previous and current addresses show clear movement patterns within Raleigh and Wake County, lending some support to the idea that of vacancies across the region. However, as in both Mast (2023) and Pennington (2022), ou qualitative findings cannot definitively quantify the net affordability gains. Nonetheless, these early introduce beneficial flexibility into Raleigh's housing market. They also highlight the need for ongoing, more targeted study-potentially with longitudinal data—to capture the full scope of short- and long-term affordability, displacement, and neighborhood

changes in Raleigh represent a significant step toward addressing the city's growing housing challenges. However, this study reveals both uccesses and areas for improvement. While MMH reforms have increased housing diversity and density, affordability remains a key concern, with new construction often priced beyond reach for middle-income households. Rising land costs, property taxes, and construction expenses compound these challenges, limiting the broader impact of MMH on housing accessibility. Resident expressed mixed feelings about neighborhood some praised the revitalization, increased

The Missing Middle Housing (MMH) policy

density and walkability these policies encourage displacement of long-time residents, and the loss of neighborhood character. The ripple effects of MMH policies on housing mobility-the "chain of moves"-remain unclear, as many residents renting and owning within their desired price range. Participants also highlighted the need for streamlined permitting processes, targeted affordability incentives, and greater accountability from developers. Despite these challenges, residents support policies like accessory dwelling units (ADUs) and smaller-lot development but emphasize balancing flexibility with thoughtful

A significant benefit of allowing Missing Middle year to the housing market at no cost to the city goals. Raleigh should also prioritize broader affordability strategies, such as municipal funding for new construction and property tax relief for low wealth residents. Future studies should further understand the policy's broader impact on housing engagement will be crucial for fostering trust and aligning policies with resident needs. Investments in multi-modal infrastructure, including public transit and walkability are also vital to supporting sustainable growth. Raleigh's MMH reforms offer valuable lessons for other cities navigating urbanization, underscoring the importance of balancing growth, affordability, and inclusivity to create a more equitable and resilient future.

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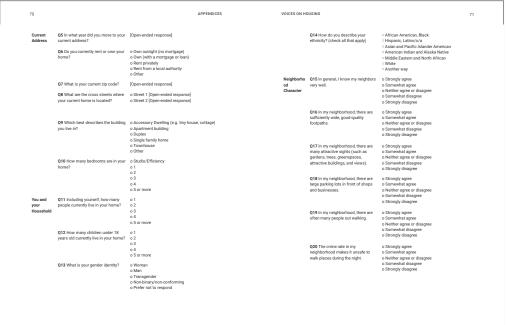
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72		APPENDICES	VOIC	ICES ON HO	USING		73
badly n buildin	maintained or unoccupied or ings and houses.	Strongly agree Somewhat agree Neither agree or disagree Somewhat disgree Somewhat disagree Strongly disagree			Q28 How do you feel about your current housing situation?	o Very stable and secure o Fairly stable and secure o Just somewhat stable and secure o Fairly unstable and insecure o Very unstable and insecure o Not sure	
unattra	ractive buildings and houses.	Strongly agree Somewhat agree Neither agree or disagree Somewhat disagree Strongly disagree		ousing olicy	Q29 Do you think your state and local governments are doing enough to ensure there is sufficient affordable rental housing?	o The government is doing enough for RENTAL housing. o The government should do more for RENTAL housing. o Not sure/ No Opinion	
	air pollution.	Strongly agree  5 Somewhat agree Neither agree or disagree Somewhat disagree Strongly disagree			Q30 Do you think your state and local governments are doing enough to ensure there is sufficient affordable housing to buy?	o The government is doing enough for housing BUY. o The government should do MORE for housing to BUY. o Not sure/ No Opinion	
mix of	of age groups (younger and control of age groups (younger and control of amily types.	Strongly agree Somewhat agree Neither agree or disagree Somewhat disagree Strongly disagree			Q31 Some say it's better to relax zoning regulations so developers can build more types of housing. How do you feel?	o Strongly agree o Somewhat agree o Neither agree nor disagree o Somewhat disagree o Strongly disagree	
	e area with personality and concer.	Strongly agree Somewhat agree Neither agree or disagree Somewhat disagree Strongly disagree			Q32 Some say communities should keep zoning regulations in place to preserve the community's character and quality of life. How do you feel?	o Strongly agree o Somewhat agree o Neither agree nor disagree o Somewhat disagree o Strongly disagree	
Affordability been a extrem	a somewhat frequent or mely frequent concern for you past 6 months? (check any apply)	Struggling to keep up with your bills  Not being able to own a home in the future  Struggling to keep up with your mortgage or ent payments  Having to move because you cannot keep up with your mortgage or rent payments		revious	Q33 What was your previous zip code? Q34 What are the cross streets nearest to your previous home?	[Open-ended response] o Street 1 [Open-ended response] o Street 2 [Open-ended response]	
of your total hincome would	Approximately what percentage our total household monthly one would you say you spend on one to or mortgage?	Being foreclased on or evicted from your home Less than or equal to 20% 0.21-30% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.31-40% 0.3			Q35 At your previous address, which type of building did you live in?	a Accessory Dwelling (e.g. tiny house, cottage) o Apartment building 0 Duplex o Single family home o Townhouse o Other	)
		Not sure			Q36 How does your current housing compare to your last home?	o Much better o Somewhat better o Stayed the same	

APPENDICES VOICES ON HOUSING o Somewhat worse o Much worse Q4 Which days of the week are you generally available? o Much better Q37 How does your current neighborhood compare to your o Somewhat better o The same o Somewhat worse o Much worse previous neighborhood? Q5 Which time of the day are you generally available? 

Omrnings (8am-12pm)

Afternoons (12pm-5pm)

Evenings (5pm-8pm)

Another time Interview Q38 Would you be interested in o Yes, I would love to complete an interview. o No, I am unable to complete an interview at completing an hour-long interview about neighborhood change? Q6 Please share anything else we need to know for interview scheduling. For example, would Spanish Language or Sign Language 3. Interview Intake Form interpretation services be Response Choices Q1 Did we mention how [No response options, this is a statement of appreciation] uch we appreciate you? 4. Interview Protocol much we appreciate you? Thank you for helping our NC State student researchers by volunteering to participate in this part of the project. Block Name Thank you for agreeing to participate in the Dwelling in Raleigh Study.
 The interview will take about an hour Participation is voluntary.
 Consent for audio/video recording or written notes.
 Ask for a fake name (pseudonym) for interview quotes.
 Confirm participant's name, date, age, and consent status. Q2 Please share your contact o First Name \_ information to schedule an o Last Name \_ o Address \_\_ o Address 2 \_\_ - Tell me a little about yourself and your current living situation.

- What brought you to Raleigh and your current living arrangement?

- In what year did you move to your current address?

- Where were you living prior to that?

- Was this your first choice when you were looking for a new place to live? - What was your main motivation for moving? Q3 Which interview formats on the person of the person of Telephone (voice only) choose as marry as you would like)? - must was your main modivation for moving?

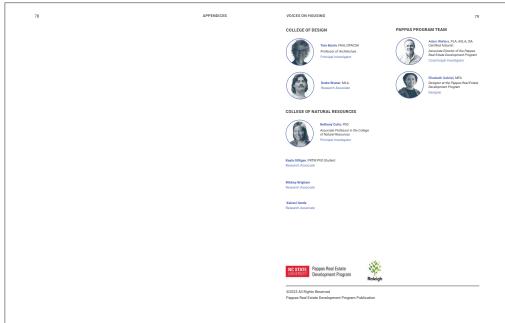
- What attracted you to this neighborhood/building?

- Compromises made (renting/owning, building type, location, etc.)

- What are the most important ways housing influences your lifestyle?

- What are the things about you that influence your housing







## **Weekly Events Digest**

Friday, October 24 - Thursday, October 30

City of Raleigh Office of Special Events specialevents@raleighnc.gov | 919-996-2200 | raleighnc.gov/special-events-office

## **Permitted Special Events**

## Day of the Dead 5K

Historic Oakwood Cemetery & Wilmington Street

Saturday, October 25

Event Time: 9:00am - 12:00pm

Associated Road Closures: Wilmington Street between E. Hargett Street and E. Morgan Street will be closed from 8:00am until 12:30pm. The 5K route will be closed from 8:45am until 10:30am. Note that all cross-streets will be detoured during the event and view the 5K route map for more details.

## **Moving Day NC Triangle**

Dix Park

Saturday, October 25

Event Time: 10:00am - 1:00pm

Associated Road Closures: The Kirby parking lot will be used from 5:30pm on 10-24-25 until 2:00pm on 10-25-25. Roads will be closed from 11:00am until 12:30pm on 10-25-25 for the following route: Start in Kirby parking lot; Right onto Umstead Drive; Right onto Dawkins Drive; Continue to Kirby parking lot to finish.

## Revista Latina - Day of the Dead

Fayetteville Street Sunday, October 26

Event Time: 12:00pm - 4:30pm

Associated Road Closures: Fayetteville Street between Martin Street and the south end of City Plaza, and Davie Street between S. Salisbury and S. Wilmington streets will be closed from 7:00am until 8:00pm.

## **Trunk or Treat**

McDonald Lane

Wednesday, October 29 Event Time: 5:30pm - 6:30pm

Associated Road Closures: McDonald Lane between Oberlin Road and Colonial Road will be closed from

4:00pm until 7:30pm.

## Other Upcoming Events

## Market and Movie Night - Inside Out 2

Friday, October 24 Moore Square

## **NBA YoungBoy**

Friday, October 24 Lenovo Center

## A Shopping Spree!

Friday, October 24 – Sunday, October 26 Raleigh Convention Center

## **National Prescription Take Back Day**

Saturday, October 25 Various Locations

## Halloween Spooktacular - NC Symphony

Saturday, October 25 Meymandi Concert Hall

## **Grupo Barak**

Saturday, October 25 Raleigh Memorial Auditorium

## Cocoa and Conversation - Public Art Project

Saturday, October 25 Bragg Street Park

## <u>Closing Reception – Wandering Between Worlds</u>

Saturday, October 25 Pullen Arts Center

## Pierce the Veil

Saturday, October 25 Coastal Credit Union Music Park at Walnut Creek

## **Tate McRae**

Saturday, October 25 Lenovo Center

## **NC State Fair**

Through Sunday, October 26 NC State Fairgrounds

## **Artist Talk: Sam Van Aken**

Sunday, October 26 The Chapel at Dix Park

## Vegas Golden Knights vs. Carolina Hurricanes

Tuesday, October 28 Lenovo Center

## **Fall Job Fair**

Wednesday, October 29 Wilders Grove Solid Waste Services Facility

## **Big Thief**

Wednesday, October 29 Red Hat Amphitheater

## **Jonas Brothers**

Wednesday, October 29 Lenovo Center

## **Curtain Call From Beyond: Theatre Haunts & History**

Through Thursday, October 30 Raleigh Memorial Auditorium

## **Weekly Events Digest**

Friday, October 24 - Thursday, October 30

City of Raleigh Office of Special Events specialevents@raleighnc.gov | 919-996-2200 | raleighnc.gov/special-events-office

## New York Islanders vs. Carolina Hurricanes

Thursday, October 30 Lenovo Center

## John Legend

Thursday, October 30 Red Hat Amphitheater

## The Seven Deadly Sins Presented by Carolina Ballet

Through Sunday, November 2 Fletcher Opera Theater

## Fall & Halloween Programs with Raleigh Parks

Through Friday, November 7 Various Locations

## **Public Resources**

<u>Event Feedback Form</u>: Tell us what you think about Raleigh events! We welcome feedback and encourage you to provide comments or concerns about any events regulated by the Office of Special Events. We will use this helpful information in future planning.

Road Closure & Road Race Map: A resource providing current information on street closures in Raleigh.

Online Events Calendar: View all currently scheduled events that impact city streets, public plazas, and Dix Park.

# **Council Member Follow Up**



TO: Marchell Adams-David, City Manager

FROM: Paul Kallam, Transportation Director

**DEPARTMENT: Transportation** 

DATE: October 24, 2025

SUBJECT: History & Current Utilization of GoRaleigh R-Line

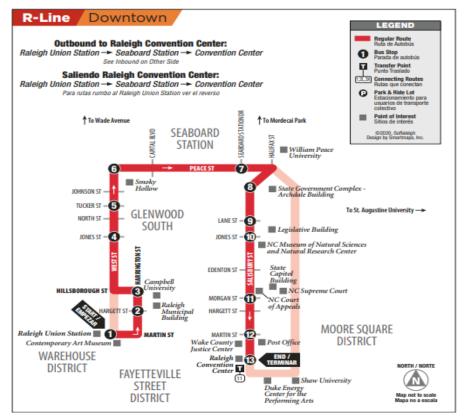
## **GoRaleigh R-Line History & Utilization**

Soon after the opening of the Raleigh Convention Center, GoRaleigh began the R-Line service in February 2009. Its original purpose was to provide transportation for convention center participants, residents and downtown employees to move throughout the downtown area and over to the Glenwood South area where many dining opportunities existed.

Ridership grew steadily in the first six (6) years averaging over 25,000 trips monthly. However, in 2014 Uber/Lyft began operating and there was almost an immediate reduction in ridership. The following year, 2015 saw an average of 17,000 monthly trips, and ridership continued to drop through 2019. Scooters and bikeshare programs began in 2018 and 2019 bringing our average ridership down to just under 10,000 monthly trips. The R-Line has not competed well with the increased options for micromobility downtown. In 2018, transit staff worked with a group of downtown stakeholders through a revisioning process to determine if the route needed to be changed. The result of that process brought the current route that travels along Wilmington Street, Peace Street, West Street and Salisbury Street.

Municipal Building 222 West Hargett Street Raleigh, North Carolina 27601

One Exchange Plaza 1 Exchange Plaza, Suite 1020 Raleigh, North Carolina 27601



R-Line Map

Unfortunately, almost immediately after the new route was deployed, the Covid-19 pandemic impacted service levels, and the R-Line was suspended due to low ridership and work from home options that became popular during the pandemic. Benchmarks were set by the Raleigh Transit Authority for when the R-Line should return. However, when those benchmarks were met, the driver shortage did not allow for the R-Line service to return, and in fact, GoRaleigh had to cut service frequencies on many of its other routes due to the shortage of qualified applicants.

Full service on the R-Line (and all GoRaleigh routes) was restored in May 2024. Since that time, the R-Line ridership has struggled to return to the lows that it saw in 2019. Today's monthly ridership averages under 5,000 trips. The route currently provides about five trips per hour of revenue service. This is the lowest performing route operating from GoRaleigh Station and around downtown. In FY25, GoRaleigh's overall system ridership grew by a little over 73% from the prior year and over 40 percent from the pre-pandemic totals while the R-Line ridership decreased by 50%. Some of the 73% increase in ridership is due to us moving away from using farebox data and transitioning over to the automatic passenger counter (APC) system on the bus. The APC data is generally deemed more accurate than the farebox data and used for planning purposes as well. It is common to see large increases in ridership data when agencies make this transition.

Another important note is that during this time period the downtown population has grown from 6,000 residents to almost 16,000. Residents, convention center attendees and employees are choosing other transportation options for internal downtown trips such as walking, scooters, bikeshare, etc. Additional development has also "filled the gap" between downtown and Glenwood South, making the destinations feel more connected and more pleasant to traverse by foot, bike, or scooter.

The City of Raleigh scooter and bikeshare programs provide around 1,000 daily trips and offers an almost immediate option to get directly from your origin to destination. Additionally, the Raleigh downtown area is walkable within the R-Line service area. Waiting 5-10 minutes for a bus ride that may still require another 5–10-minute walk to a destination has become much less popular with scooters and bikeshare options. The 1,000 daily trips taken on other micromobility options provide about the same number of monthly trips that the R-Line was performing before these competitive options were deployed in Raleigh.

Staff will be bringing other R-Line reprogramming options for Council consideration at a later date. Please keep in mind that any updates to the current route for the R-Line will require a sixmonth process including completing Title VI equity analysis, Raleigh Transit Authority discussion and endorsement, and ensuring the route can operate within existing operating funds for the R-Line service.