

### Missing Middle Housing

Thinking Big and Building Small

@OpticosDesign #missingmiddlehousing

Metropolitan Mayors Caucus Housing + Community Development Committee

22 September 2022

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### Finding the Middle





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## Why is this so important?

SECTION

Housing markets of every size are seeing unprecedented changes

### Shifting household demographics

Today, 30% of households are single persons

By 2030
1 in 5 Americans
will be 65+

By 2025 75-85% of households will not have children

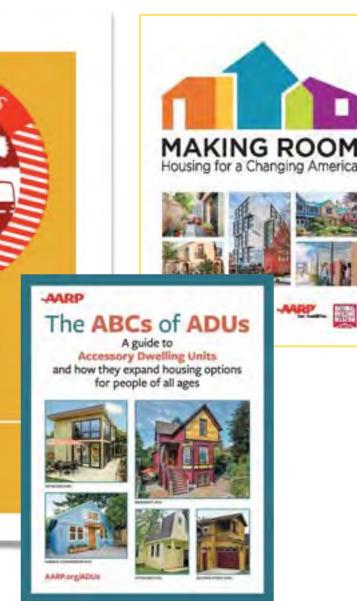
### AARP is one of biggest proponents of MMH

One in three Americans is age 50 or older

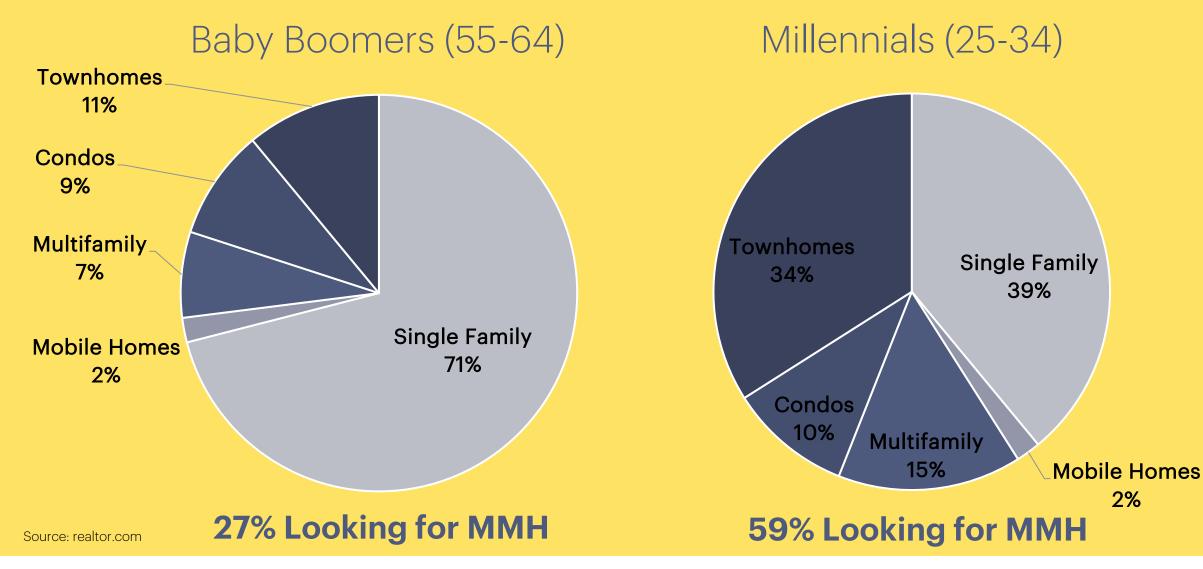
Is your community a great place for people of all ages?

By 2030, one out of every five people in the U.S. will be 65+ Will your community be ready?

Visit us often at AARP.org/livable
Information and inspiration for local leaders



### Growing demand for walkable living and MMH



2%



56% of millennials and 46% of boomers want to live in more walkable neighborhoods

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· America le stab and 46 present of Buly in to more muliciple unightenhands

\* Half of the respondence or an Urban Lord Institute survey and that walkability is either the cop princip or a high priority when altebring when they want in line. A link more than half ... \$7 persons ... said they want to live when they down yould to too a year or others.

\* A report from NAIOR a community trail essent development immutation, dissend affice security peaks beganning in wallable arban recrimentation — either in dains of vilians indisablest coverns - by a four to one margin mer repital subspiras office parks. The report also found that sents are biglier and vacancy time lower in otheras subsubus cereen dun repical subsubia ridice pieta.

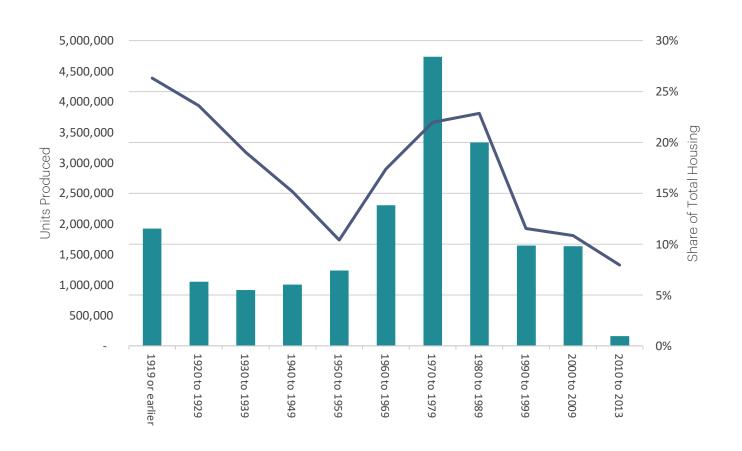
Now more "Ever Traffic Aband: 2016," a report published meters this year by the George Washingmin University School of Bississis and Smart Growth Assertex.

~American Planning

### Why do we call it missing?

Less than 10% of all housing units produced between 1990 and 2013 were Missing Middle scale

-American Housing Survey



Missing Middle Units Produced

Missing Middle Share of Total Housing

### The affordable housing crisis is rapidly growing

### In 2019, 30% of American households were housing cost burdened.

~State of the Nation's Housing 2020, Harvard University

### Impossible to deliver detached SF homes at attainable prices

- Land
- Labor
- Lumber



Image source: Plan Hillsborough

#### What's Getting Built





### What Many People Want





#### Historically MM = The "workingman's palace"







### Units in 2 to 4 unit properties represent 26% of Chicago's housing stock

~Institute for Housing Studies at DePaul

### Majority of most towns zoned for single family housing only



Single-family is the only allowed use in fully 41.1 percent of Chicago's zoned land area. Multifamily housing is permitted in about 20.8 % of the city's zoned land area.



# What is Missing Middle Housing?

SECTION

Refresher to ensure we are all on the same page

### Defining Missing Middle Housing



House-scale buildings with multiple units in walkable neighborhoods

First of all

Middle = Form, scale, types

#### 3 Units, but looks like a house

One of primary objectives of MMH is to deliver good, predictable form

"house scale"

Not just about getting more units on a lot. Form is very important part of Missing Middle intent



Secondarily

# Middle = Affordability to middle income households (Affordable by Design)



"Attainable"

### The Barbell of Affordable Housing



INCREASE SUPPLY



Affordable by design

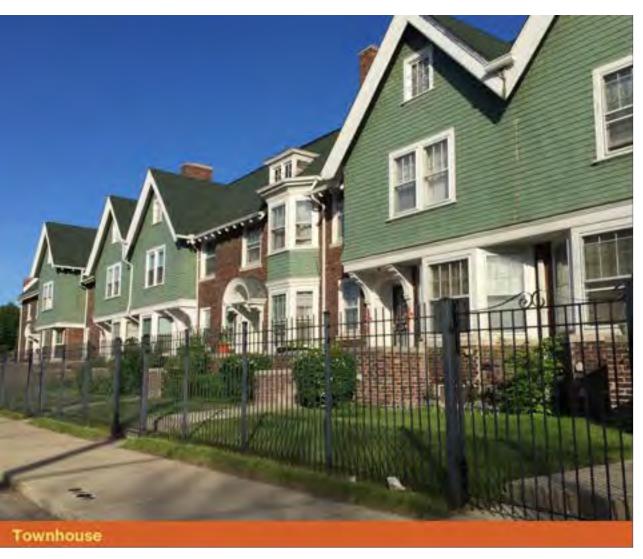
Lower land costs

Lower construction costs

Smaller units

Local, incremental development

### Missing Middle Housing: Detroit, MI

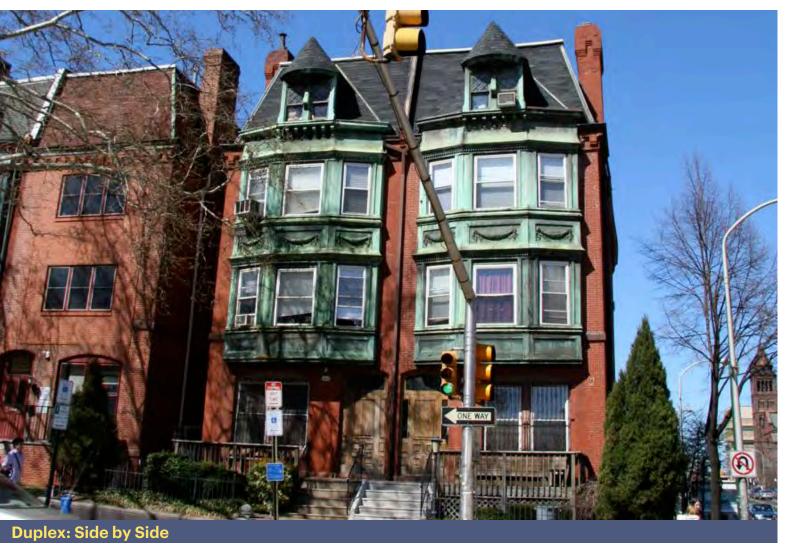








### Missing Middle Housing: Pennsylvania







### Missing Middle Housing: Atlanta, GA









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### Have to look closely to notice multiple units









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### Duplex: Stacked









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### Duplex: Side-by-side









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### Cottage Court







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### Fourplex









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### Townhouse









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### Triplex (3-Flat)









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### Multiplex









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### Courtyard Apartments









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### Accessory Dwelling Unit (ADU)









### Housing types have an intended form

Not just about number of units





### What are the Important 4 Characteristics

SECTION

### Characteristics of Missing Middle Housing

#### 1. Located in a Walkable Context



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- 2. Compatible with Single Family Homes



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- 3. Provide Small, Well-Designed Units



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- 4. Provide Fewer Off-Street Parking Spaces



- 1. Located in a Walkable Context
- 2. Compatible with Single Family Homes
- 3. Provide Small, Well-Designed Units
- 4. Provide Fewer Off-Street Parking Spaces
- 5. Supports a Strong Sense of Community
- 6. Simple Construction/Affordability by







#### List of barriers

- 1. Planning + Zoning barriers
- 2. Not easily classifiable by industry standards
- 3. Financing + perceived cost inefficiencies
- 4. Added cost + complexity of building codes
- 5. Community or neighborhood opposition



Resultant Densit

24 Opticos Design, Inc. © 2019 — MMH Deep Dive



# How are communities implementing MMH?



Policy, planning, zoning, effective communication, getting it built

#### South Bend, IN: Allowing MM to encourage infill





#### Incremental Code Reform

The new code
encourages the re-use
of historic and other
existing spaces and
the creation of new
multi-family housing,
a key to ensuring that all
our residents-regardless
of race or income-can
remain in our city."

#### **James Mueller**

Mayor, City of South Bend

# STANDARD DISTRICTS U3 Urban Neighborhood 3 Building Components Building Standards Building Standards Encroachments allowed (e) Building Components Allowed Encroachments (max.) Architectural Features 3' 3' 3' 3' Main entrance must be located on the front lot line. Main entrance must be located on the front lot line. Main entrance must be located on the front lot line. Main entrance must be located on the front lot line.

Architectural Features	3,	3,	3,	3,	Main entrance must be
Building Frontage Type	10'	10'			Facade Transparency (r
Balcony	5'	5'			Ground Floor - Primary
Bay Window ( < 10' wide)	3'	3,	3'	3,	Ground Floor - Seconda
Chimney	4'	4'	4'	4'	Upper Floor - Primary S
Patio & Decks	8'	8'			<b>Building Materials</b>
Porte-Cochere					Restrictions on building
All building components mu	district only apply to all				
inches from any lot line.	multi-unit residential bu				
Allowed Building Frontage 1	Exterior insulation and f				
Porch	21-06.03 (c)			;)	only for trim and on upp
Stoop	21-06.03 (d)				Standard, fluted, or split
Gallery	21-06.03 (e)				(CMUs) above the baser
Dooryard	21-06.03 (f)			Unfinished metal, plywo	
Forecourt	21-06.03 (g)			in-place concrete, and "	
See Section 21.06-01 (h) for b	grade/scale products a				

■ Not Allowed

Main entrance must be tocated on the nontrac	aue.			
Facade Transparency (minimum)				
Ground Floor - Primary Street	15%			
Ground Floor - Secondary Street/Civic Space	15%			
Upper Floor - Primary Street	15%			
Building Materials				
Restrictions on building materials within the U3	zoning			
district only apply to all non-residential building	s and			
multi-unit residential buildings greater than 4 un	nits.			
Exterior insulation and finish system (E.I.F.S) is permitted				
only for trim and on upper floor facades.				
Standard, fluted, or split face concrete masonry	units			
(CMUs) above the basement level are prohibited.				
Unfinished metal, plywood, unfinished pre-cast	or poured-			
in-place concrete, and "Jumbo" or other comme	rcial-			
grade/scale products are prohibited.				
See Section 21-06 for full building regulations.				

3-29





SOUTH BEND ZONING ORDINANCE

definitions and additional requirements

# Place-based approach creates more predictable outcomes for City & Developers





# Prairie Queen neighborhood: Omaha, NE Metro 132 units built and occupied. Proven viability



#### A Different Approach to Class A Multifamily

Delivering a Neighborhood. More Small Buildings



About the Project				
Size of Site	50 acres			
Units	742 units			
Unit size range	<b>740 – 2,400</b> sf			
Building sizes	8 units max/building			
Density	<b>14.5</b> dwelling units/acre			
Parking	1 parking space per unit + one on-street space per unit			
Status	60 units completed, 87 rented, 132 completed by June 2021.			

#### Mix of price points within each block

Economically diverse. Not separating lower and higher value units.

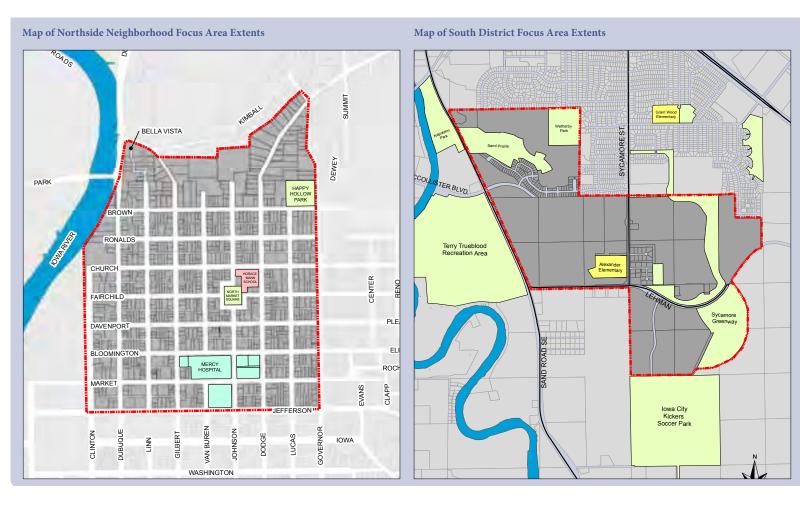




\$3,000/month

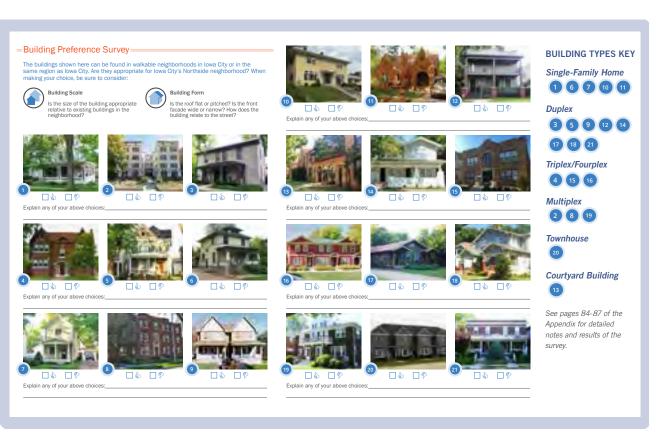
\$1,000/month

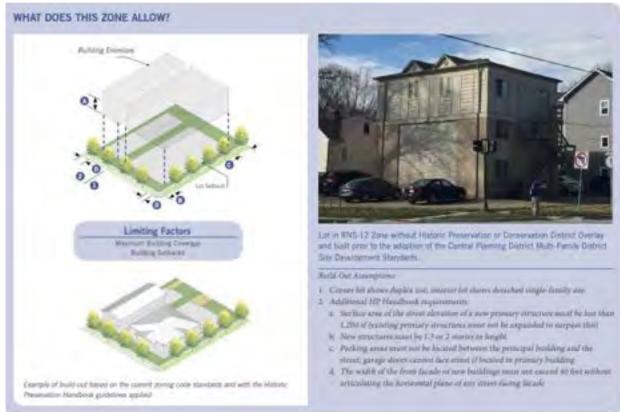
# Iowa City, IA: Growth strategy to enable MM Missing Middle for two neighborhoods





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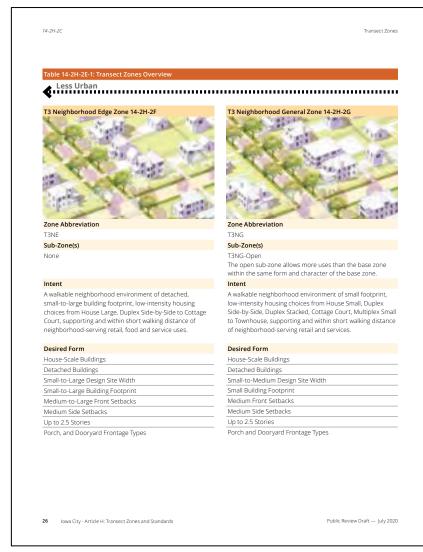




# Palette of four zoning districts to implement Each represents different desired mix of Missing Middle types







Transect Zones More Urban T4 Neighborhood Medium Zone 14-2H-2 Sub-Zone(s) Sub-Zone(s) The open sub-zone allows more uses than the base zone The onen sub-zone allows more uses than the base zone within the same form and character of the base zone. within the same form and character of the base zone. A walkable neighborhood environment of small-to-A walkable neighborhood environment with medium medium footprint, moderate-intensity housing choices footprint, moderate-intensity housing choices from Multiplex from Cottage Court, Multiplex Small, Courtyard Building to Large, Courtyard Building to Townhouse, supporting and Townhouse, supporting and within short walking distance of within short walking distance of neighborhood-serving retail neighborhood-serving retail and services. and services **Desired Form** Primarily House-Scale Buildings Primarily House-Scale Buildings Detached and Attached Buildings Detached and Attached Buildings Small-to-Medium Design Site Width Medium Design Site Width Small-to-Medium Building Footprint Medium Building Footprint Small-to-Medium Front Setbacks Small Front Setbacks Small-to-Medium Side Setbacks Small Side Setbacks Up to 2.5 Stories Up to 3.5 Stories Porch, Dooryard, and Stoop Frontage Types Porch, Dooryard, Stoop, Forecourt and Terrace Frontage Public Review Draft - July 2020 Iowa City - Article H: Transect Zones and Standards 27

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Avoiding one-size-fits-all solution:

# Place-based approach is key to success

#### Implementation Strategies

- 1. Education & Walking Audits
- 2. Comprehensive + Housing Plans
- 3. Missing Middle Analysis and Testing
- 4. Zoning Fixes and Reform that Incentivize MM
- 5. Small Area Planning + Pilot Projects
- 6. Regional Toolkit & Shared Code Template for optional adoption



MMH Presentation + Strategic Advising

Plant the seeds for discussion about housing choice and MMH in your community through a 1.5-day visit or interactive webinar to engage decision makers, the development community, and community members. Opticos Design will deliver a formal presentation, lead a tour, and participate in targeted small group meetings.

MMH Scan™: Analysis + Definition of Barriers

Opticos Design will broaden understanding of the need for change to foster MMH by analyzing where MMH could apply and reviewing your Comprehensive Plan and existing zoning standards to identify barriers. Opticos Design will present this information in a Memo that is graphically rich and visual in nature for a variety of audiences.

3 MMH Deep Dive™: Testing + Solutions

Ready for more? Once the MMH Scan<sup>™</sup> is complete, dive deeper with an analysis of what physical form your zoning is allowing on selected sites. The team will propose solutions and identify next steps. Opticos Design will deliver a 15-20 page, graphically-rich, user-friendly document to give you a roadmap to success.

#### More Options:

#### Zoning Fixes

Expertise for quick zoning fixes or new

#### Local Pilot Projects

Site selection, design, entitlement and advising for cities to be proactive and develop a local pilot project.

#### Small Area Planning

Planning services for neighborhoods, corridors, or opportunity sites, such as abandoned malls or brownfield sites

#### Planning, Zoning, and Policy Analysis

Strategic analysis and advising to inform General/Comprehensive Plan, code update, or policies to deliver housing choice and effective integration.



Want more information? Give us a call!

Opticos Design | Architects of the Missing Middle Movement opticosdesign.com | 510.558.6957 | info@opticosdesign.com

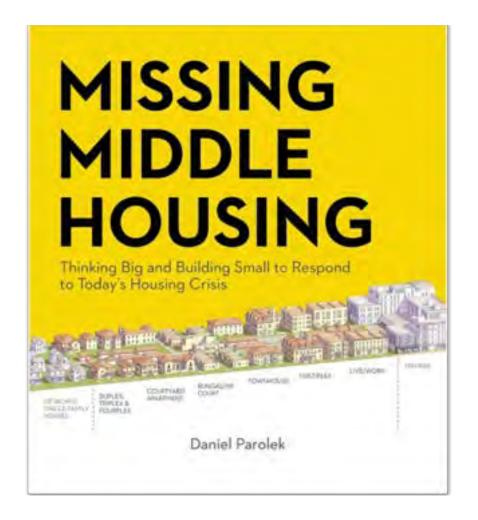
## Thank you!

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https://www.missingmiddlehousing.com