ZONING CODE CAPACITY ANALYSIS



FREGONESE ASSOCIATES SEPTEMBER, 2017

CODENEXT

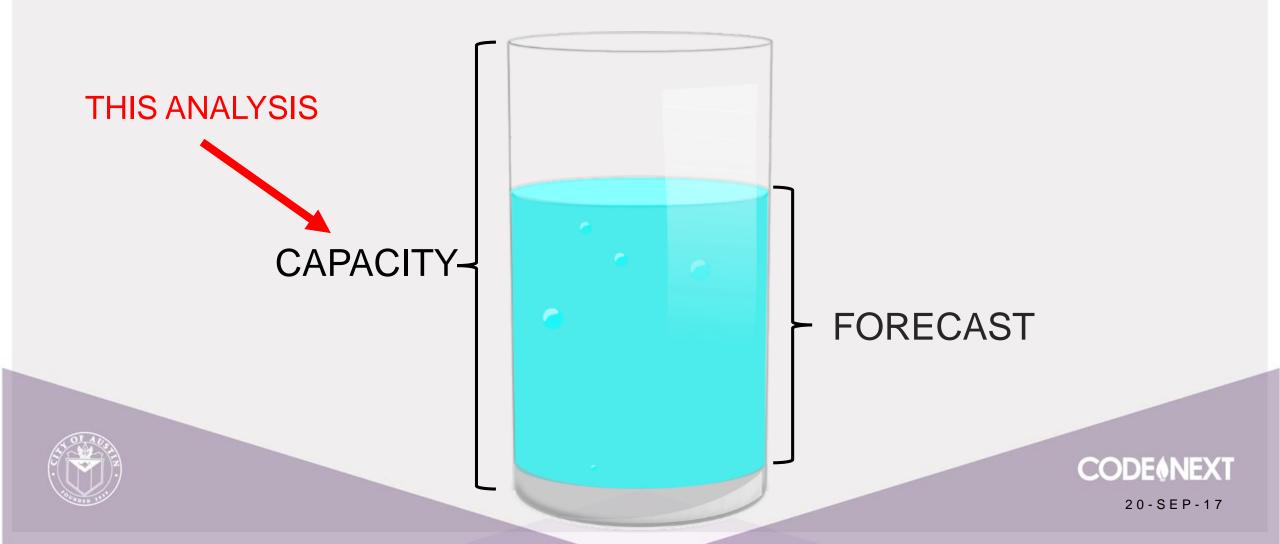
20-SEP-17

Goals:

- 1. Compare Housing and Jobs Capacity under:
 - Existing Zoning
 - CodeNEXT Draft 1
 - CodeNEXT Draft 2
- 2. Explore Housing Match to Strategic Housing Blueprint
- 3. Additional Indicators from Two Weeks ago
- 4. Highlight key areas for future exploration



WHAT IS ZONING CAPACITY (VERSES A FORECAST)



BASIC PROCESS

Use Buildings Calibrated to Austin Market

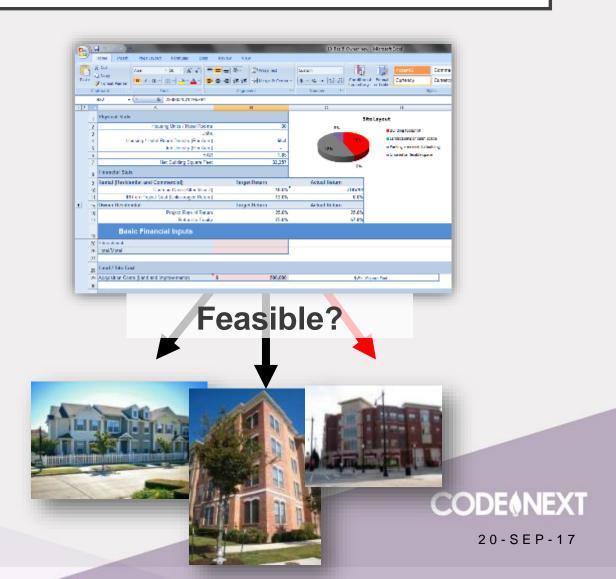
Total of 81 Buildings used in Analysis

Physical Form

- Height
- Unit sizes
- Parking configurations

Financial Reality

- Rents / sales prices
- Construction costs
- Land costs



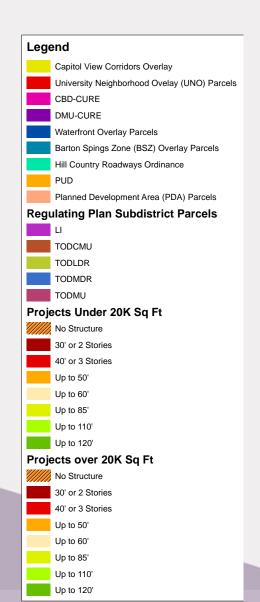


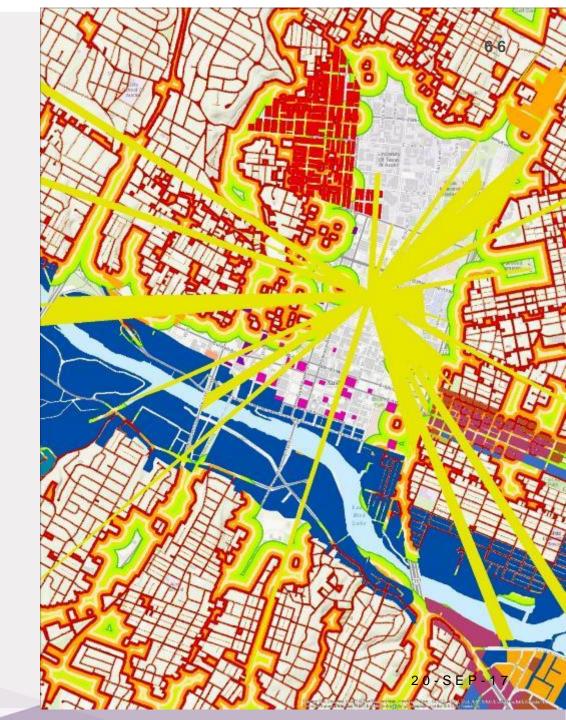
EACH ZONING DISTRICT CALIBRATED WITH BUILDINGS

For Existing Zoning, CodeNEXT Draft 1, CodeNEXT Draft 2



STARTED WITH 2015 COA CAPACITY ANALYSIS





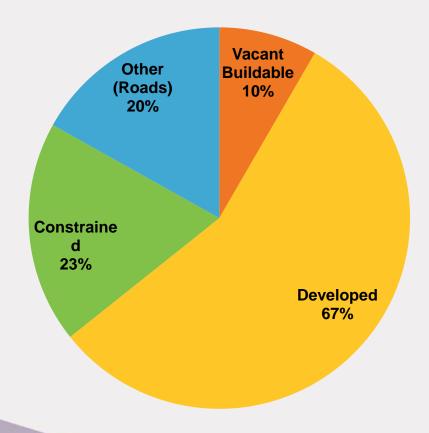
CONSTRUCT BUILDABLE LANDS LAYER

- Buildable Lands =
- Land Supply Constraints (Environmental & Policy)

Land Supply Constraints Buildable Land

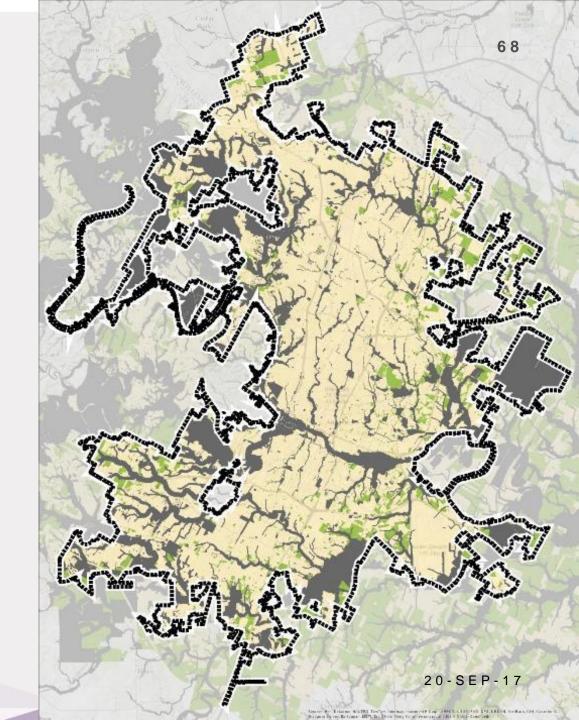


2015 VACANT & UNCONSTRAINED



- 14,560 acres of vacant, buildable land in city boundary
- ~3,500 of the vacant acres are constrained

19% of vacant & ag land



UPDATED BUILDABLE LANDS REMOVE RECENTLY DEVELOPED PARCELS

Remove recently developed parcels based on permits

- Ensure recently developed land is no longer "vacant" in dataset
- Permit data recent through May 2017

Data source: City's 2014 land database inventory; Development Services permit database – May 2017





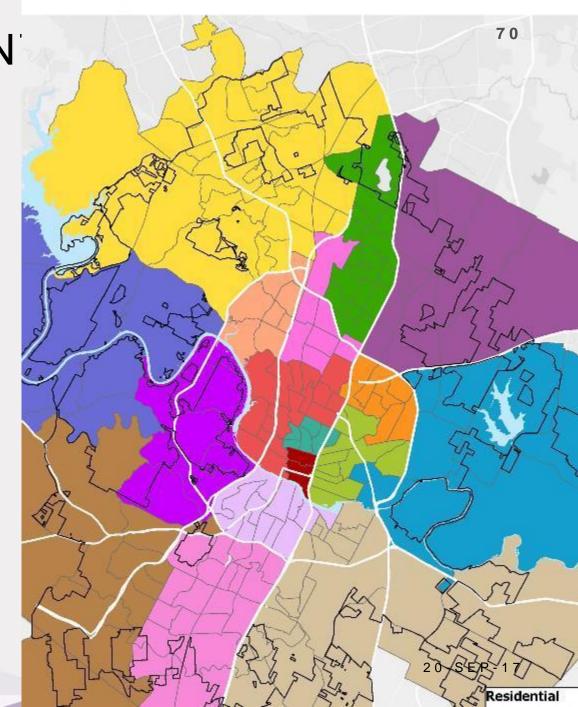
Example: New Mixed Use Development on 5th St

ESTIMATE REDEVELOPMEN BASED ON PRO FORMA ANALYSIS

Calculate average rents by Austin submarkets to understand building feasibility

- Aggregated from Census Tract average rents – CoStar data
- Source: CoStar 2015;
 ECONorthwest
 - Submarkets from ApartmentTrends.com
 - http://www.apartmenttrends.com /html/maps/areaaus.cfm





TEST 7 BASIC BUILDINGS ON ALL PARCELS FOR FEASIBILITY

Run Envision Tomorrow Development Feasibility Tool

- "Achievable rent" determined for every parcel in Austin
- Analysis done for 7 common building types in Austin:
 - SF Home
 - Duplex
 - Rowhouse
 - Multiplex
 - Low Rise Apartment (3 stories)
 - Mid Rise Apartment (4 stories)
 - Main Street Mixed Use (4-over-1)

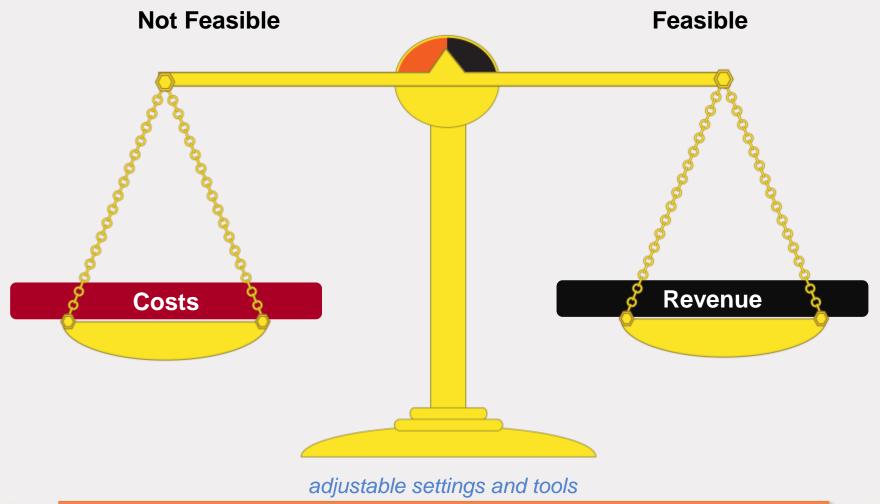


Envision Tomorrow for Redevelopment Feasibility Analysis





TIPPING POINT





Building form

Costs

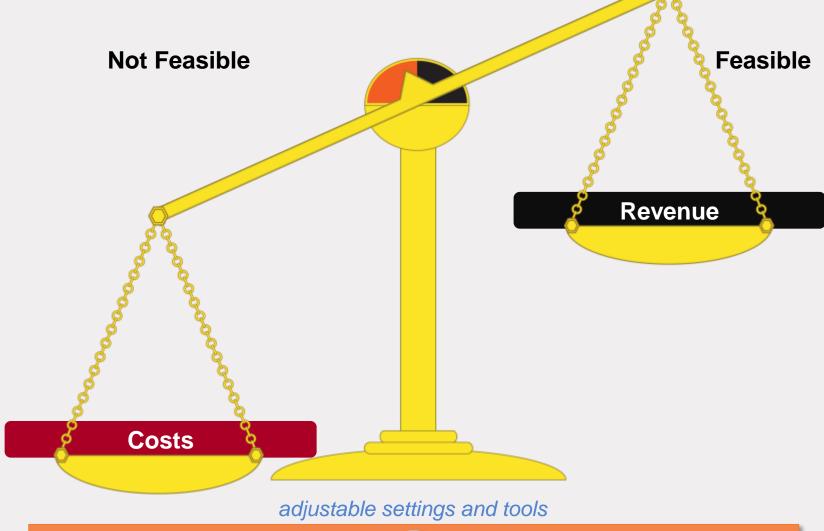


Revenues

Gap tools

CODE NEXT

TIPPING POINT





Building form

Costs

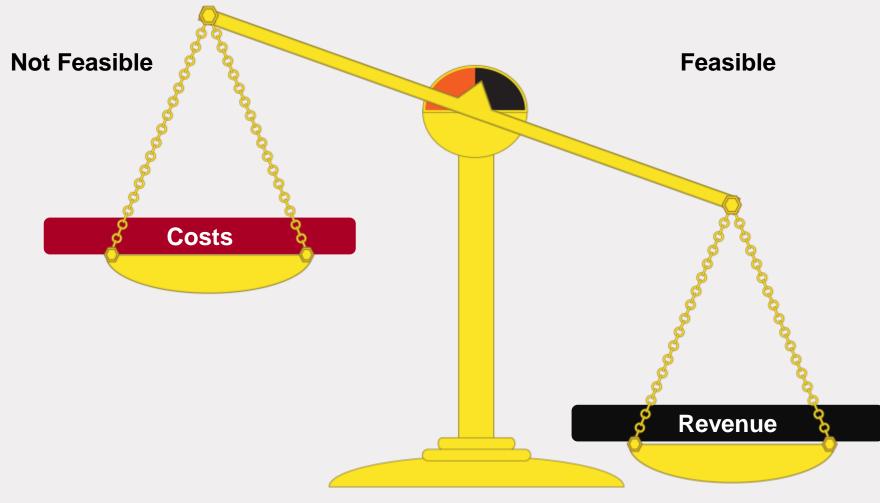


Revenues

Gap tools

CODE NEXT

TIPPING POINT



adjustable settings and tools



Building form

Costs



Revenues

Gap tools

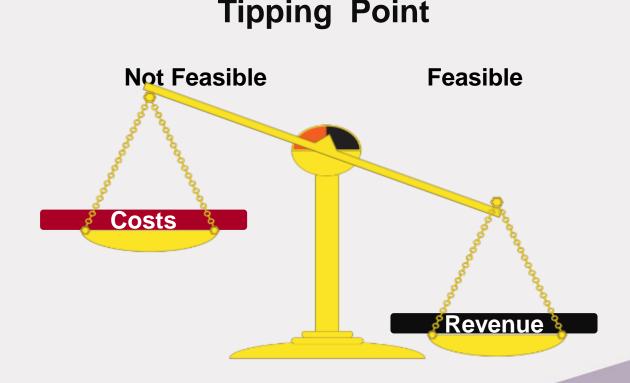
CODE NEXT

IDENTIFY REDEVELOPMENT POTENTIAL

Step 4: Determine Market Feasibility Ratio on every parcel by building type

Market Ratio =
Achievable Rent / Submarket Average
Rent

- Parcel is "market feasible" today when ratio = 1
 - Ratio >= 1 means achievable rent is equal to or above submarket rents
 - Building is feasible when it is able to achieve rents equal to market

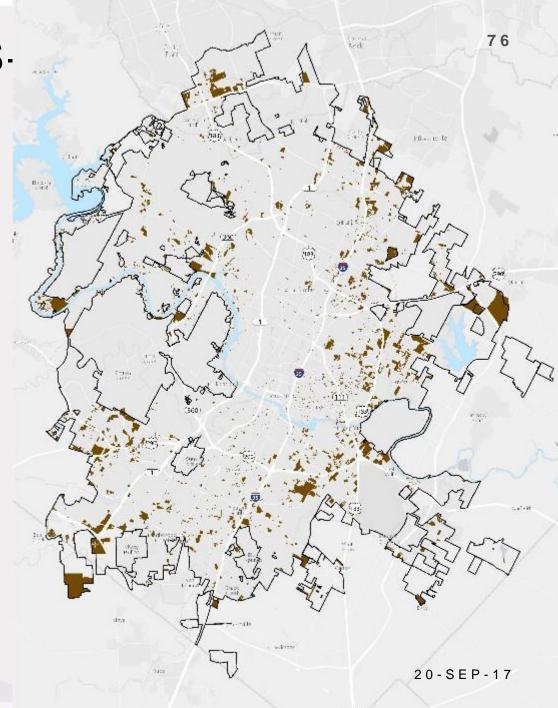


UPDATE BUILDABLE LANDS-SEPTEMBER 2017

Updated Buildable Lands

Start with Vacant Land

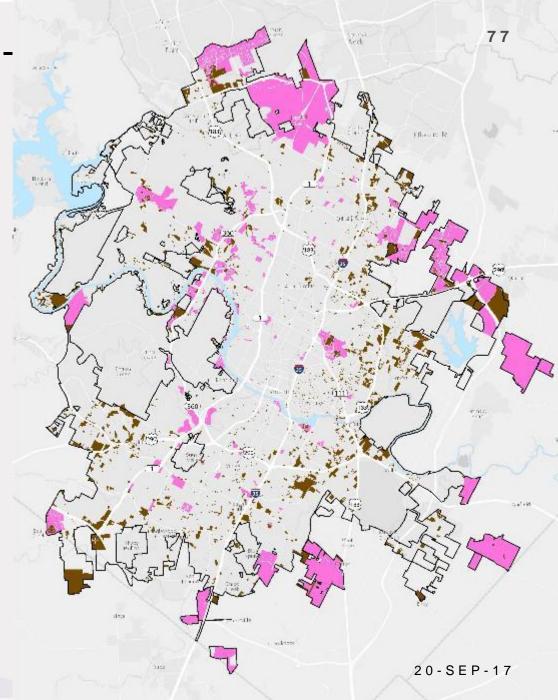




HOUSING CAPACITY ANALYSIS - SEPTEMBER 2017

- Start with Vacant Land
- Include PUDs



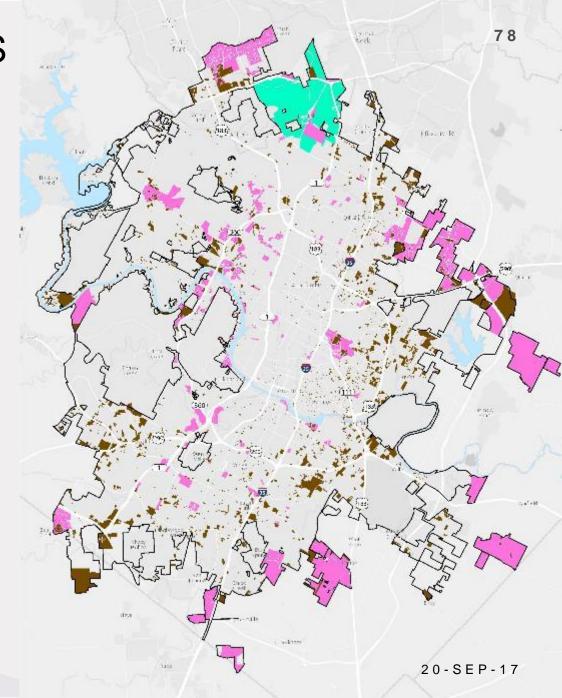


HOUSING CAPACITY ANALYSIS

- SEPTEMBER 2017

- Start with Vacant Land
- Include PUDs
- Remove Robinson Ranch PUD
 - ~24,000 HU in previous analyses



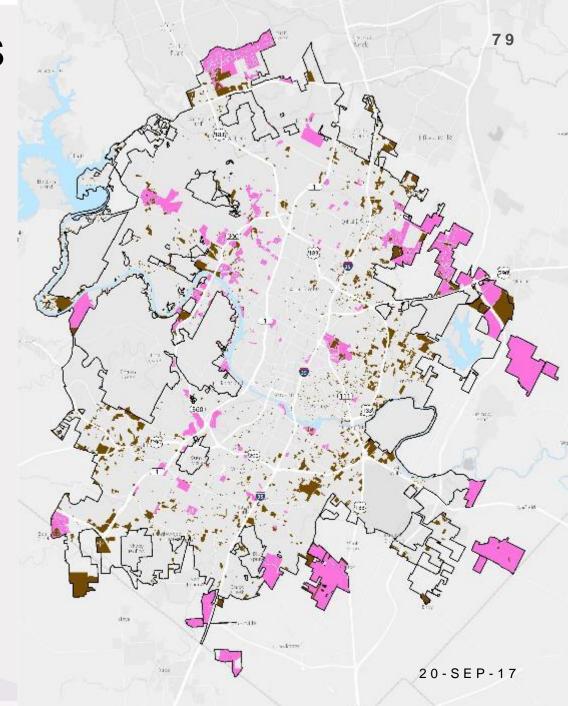


HOUSING CAPACITY ANALYSIS

- SEPTEMBER 2017

- Start with Vacant Land
- Include PUDs
- Remove Robinson Ranch PUD
 - ~24,000 HU in previous analyses





HOUSING CAPACITY ANALYSIS - SEPTEMBER 2017

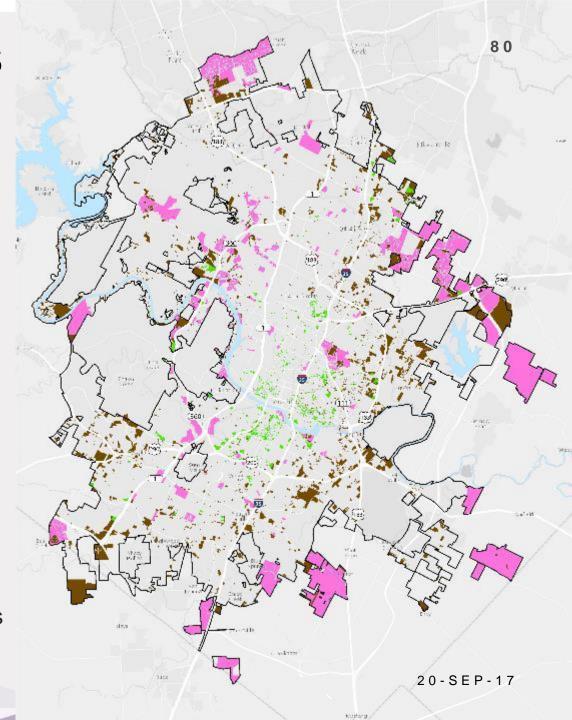
Updated Buildable Lands

- Start with Vacant Land
- Include PUDs
- Remove Robinson Ranch PUD
 - ~24,000 HU in previous analyses
- Include all parcels with a <u>Market Ratio</u>
 >= 1





Development Feasible Parcels

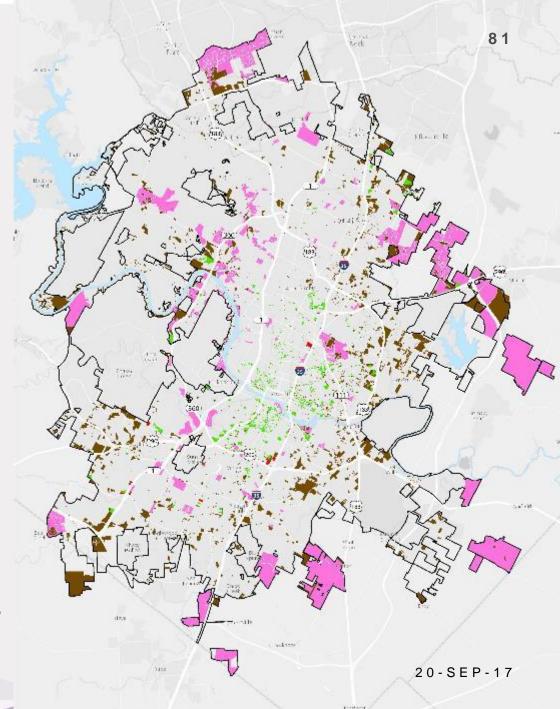


HOUSING CAPACITY ANALYSIS

- SEPTEMBER 2017

- Start with Vacant Land
- Include PUDs
- Remove Robinson Ranch PUD
 - ~24,000 HU in previous analyses
- Include all parcels with a <u>Market Ratio</u>
 >= 1
 - Draft 2 Analysis Includes Commercial Lands now assigned MU Zones

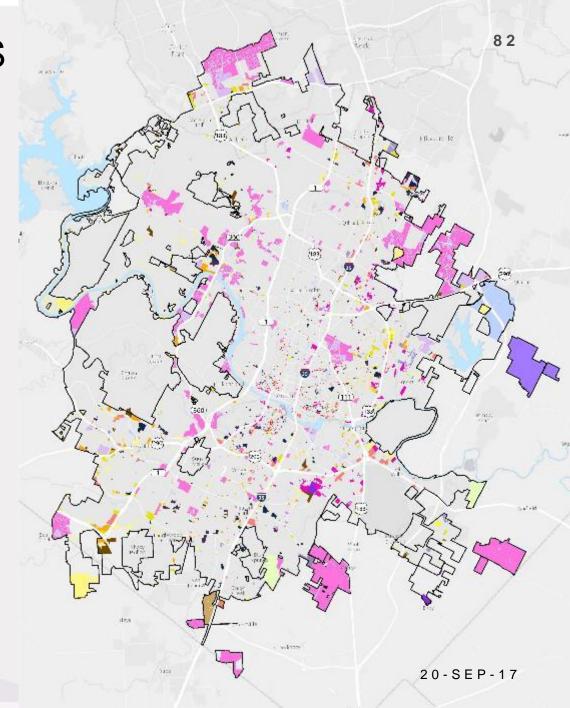




HOUSING CAPACITY ANALYSIS - SEPTEMBER 2017

Assign New Zones

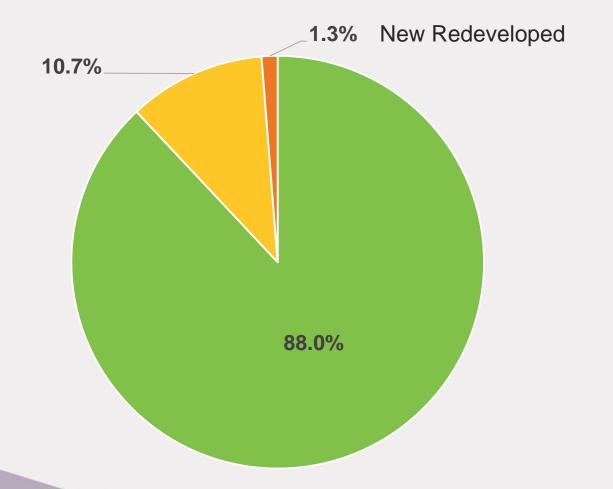
- Calibrate Envision Tomorrow to calculate based on new zoning standards and map
- For Detailed View please refer to supplied map



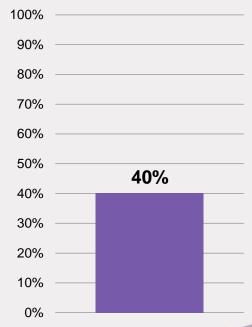


ACREAGE OF DEVELOPED LAND - CODENEXT

New Vacant Developed



% of Housing Capacity through Redevelopment



~7:1 Replacement

68,691 New Housing Units (Through the redevelopment of 10,719)

REDEVELOPMENT EXAMPLES OVERVIEW MAP

Site 1: 2600 Guadalupe St

Site 2: 5101 South Congress Avenue

Site 3: 108 Denson Dr

Site 4: 8440 Burnet Rd

Site 5: 2730 E 7 \$t

Austin_boundary



20-SEP-17







Current use: Gas station, '7-Eleven'

Value: \$849,000 Size: 0.325 acres

Future zoning: MU 4B

Potential development type: 4-story mixed use build

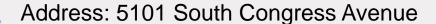




SEP-17







Current use: Car parts/car storage

Value: \$1,973,031

Size: 5.71 acres

Future zoning: Title 25 CS-MU-CO (equivalent to MU 4B)

Potential development type: 4-story mixed use building



20-SEP-17









Current use: Texas Department of Public Safety

Value: \$2,855,044

Size: 7.82 acres

Future zoning: MS2B

Potential development type: Main street character









Current use: Strip Mall 'The Spectrum'

Value: \$5,451,026

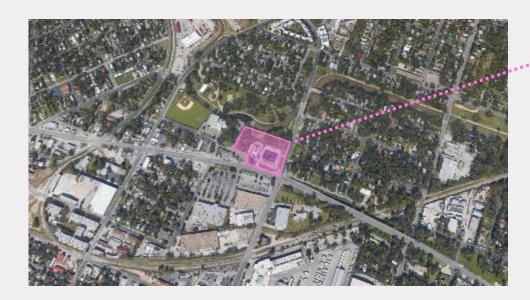
Size: 4.10 acres

Future zoning: MS3A

Potential development type: Main street character







Address: 2730 E 7 St

Current use: 'Advanced Auto Parts', 'Sonic Drive-In'

Value: \$2,408,835

Size: 3.21 acres

Future zoning: MU4B

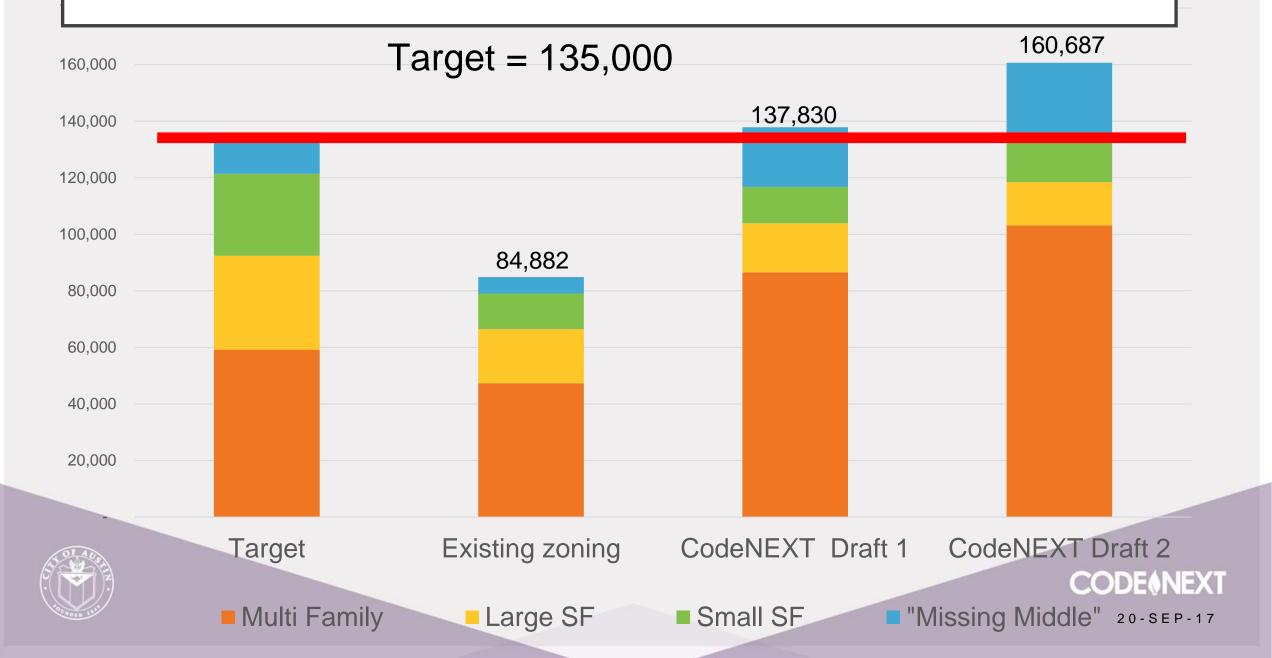
Potential development type: 4-story mixed use building



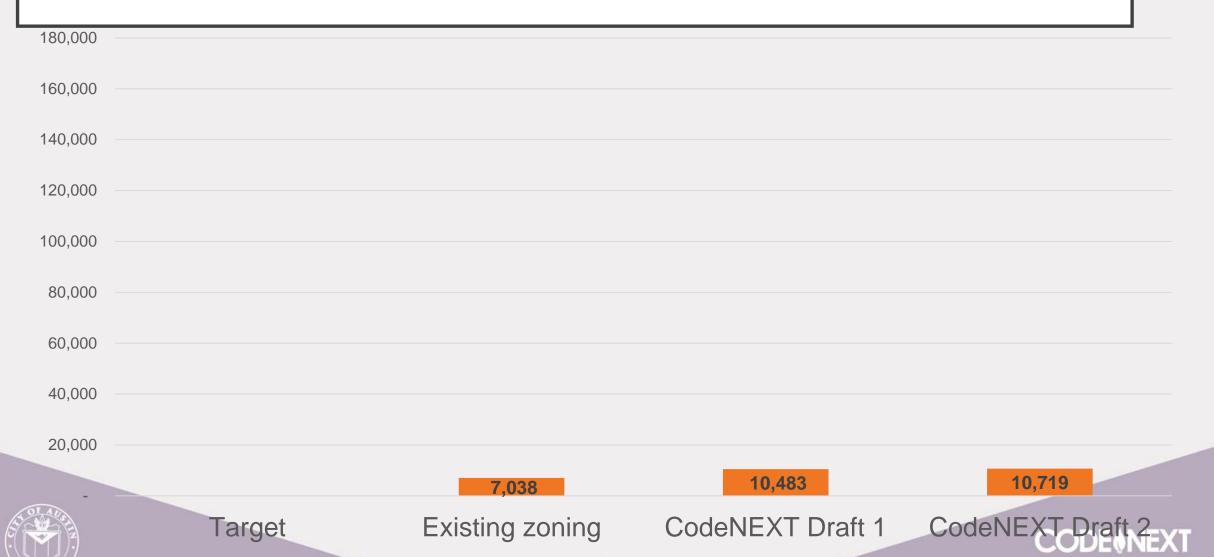
DE NEXT



HOUSING ESTIMATES BY TYPE



UNITS ON PARCELS THAT REDEVELOP



Units on Parcels that Redevelop

20-SEP-17

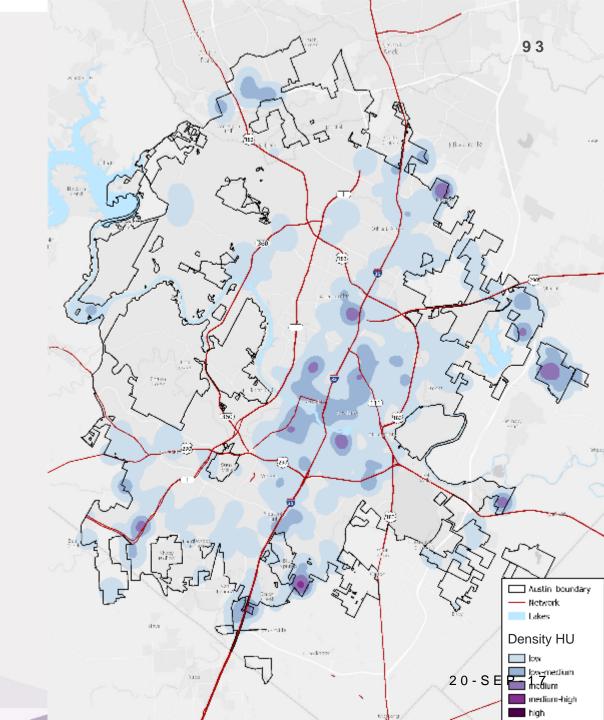
HOUSING ESTIMATES BY TYPE PERCENT MIX EXCESS MF CAPACITY ELIMINATED



DENSITY OF HOUSING CAPACITY CURRENT CODE

84,882 estimated housing capacity under Current Zoning Code

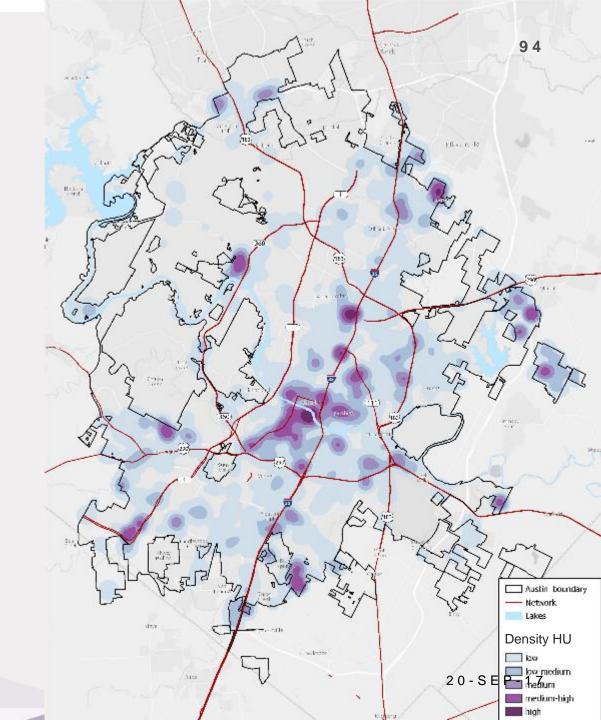




DENSITY OF HOUSING CAPACITY CODENEXT DRAFT 2

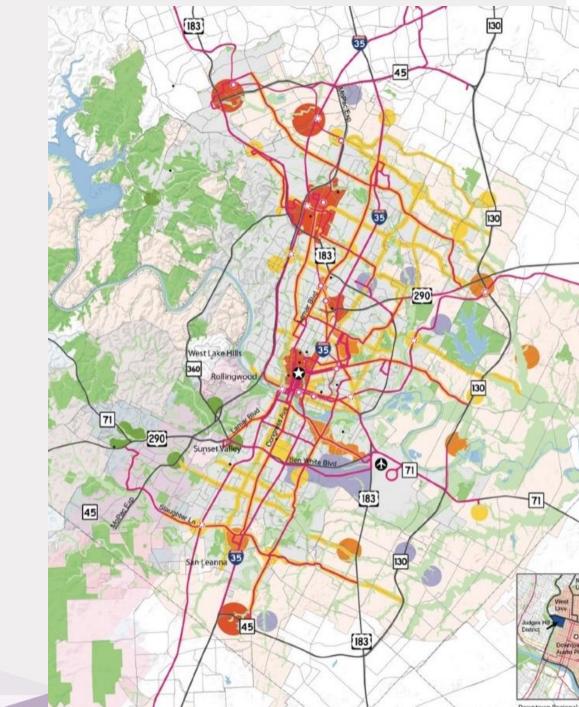
160,687 estimated housing capacity under CodeNEXT Draft 2





DENSITY OF HOUSING CAPACITY

Imagine Austin
Centers and
Corridors



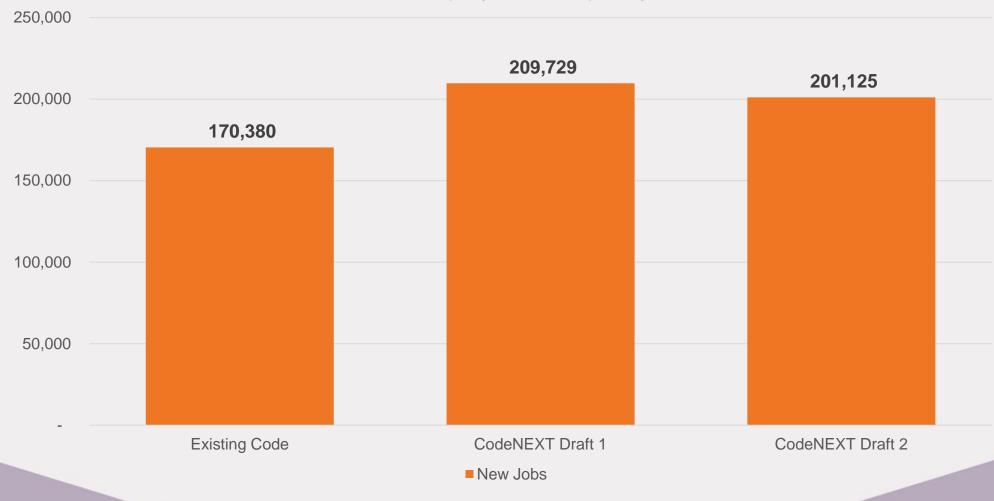


HOUSING CAPACITY BY COUNCIL DISTRICT

	CodeNEXT Draft 2	
Council District	New HU	% of Total
1	32,231	20%
2	18,794	12%
3	18,121	11%
4	7,735	5%
5	15,543	10%
6	6,758	4%
7	14,155	9%
8	19,481	12%
9	19,178	12%
10	7,920	5%
TOTAL	160,589	20-SEP-17

NEW EMPLOYMENT CAPACITY FROM ZONING



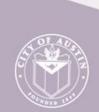


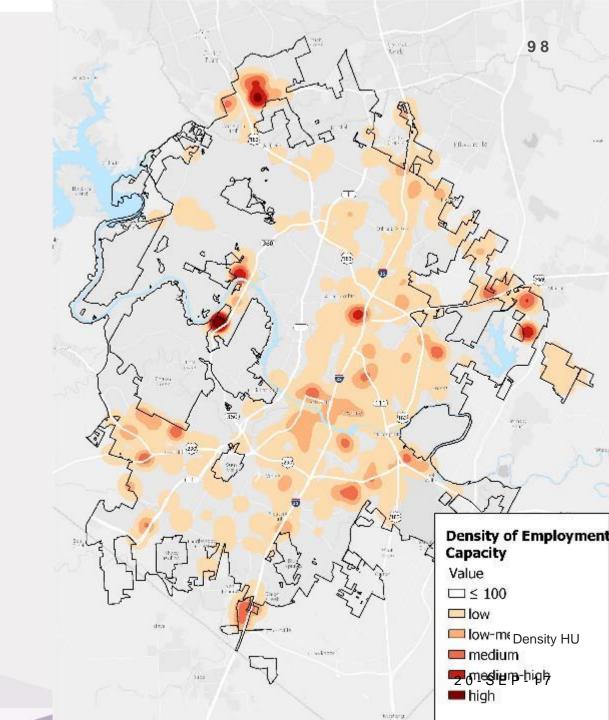


CODE NEXT

DENSITY OF EMPLOYMENT CAPACITY CURRENT CODE

170,380 estimated employment capacity under Current Zoning Code

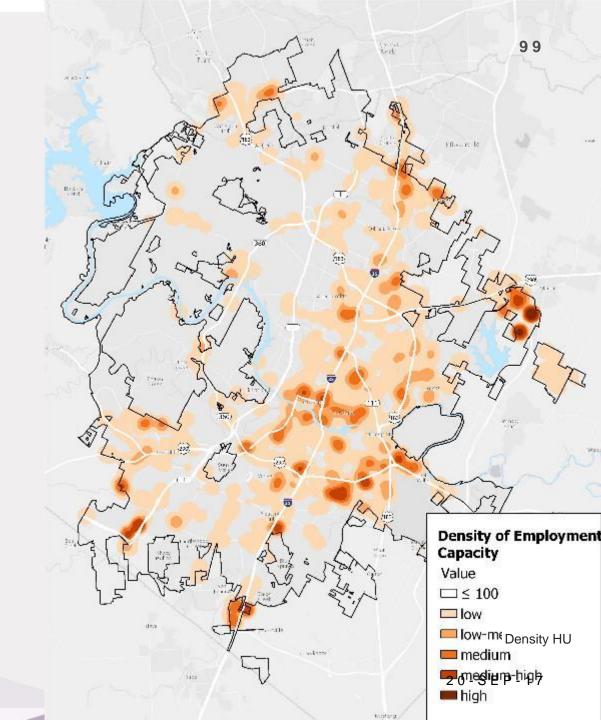




DENSITY OF EMPLOYMENT CAPACITY DRAFT 2

201,125 estimated employment capacity under CodeNEXT Draft 2

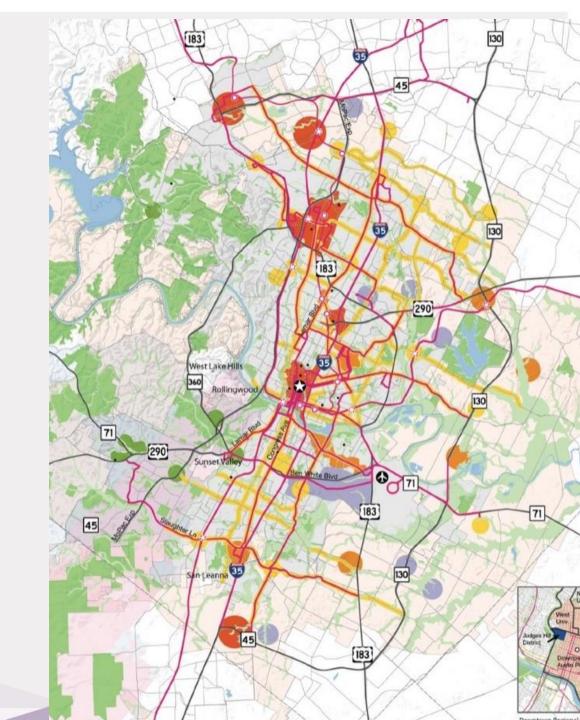




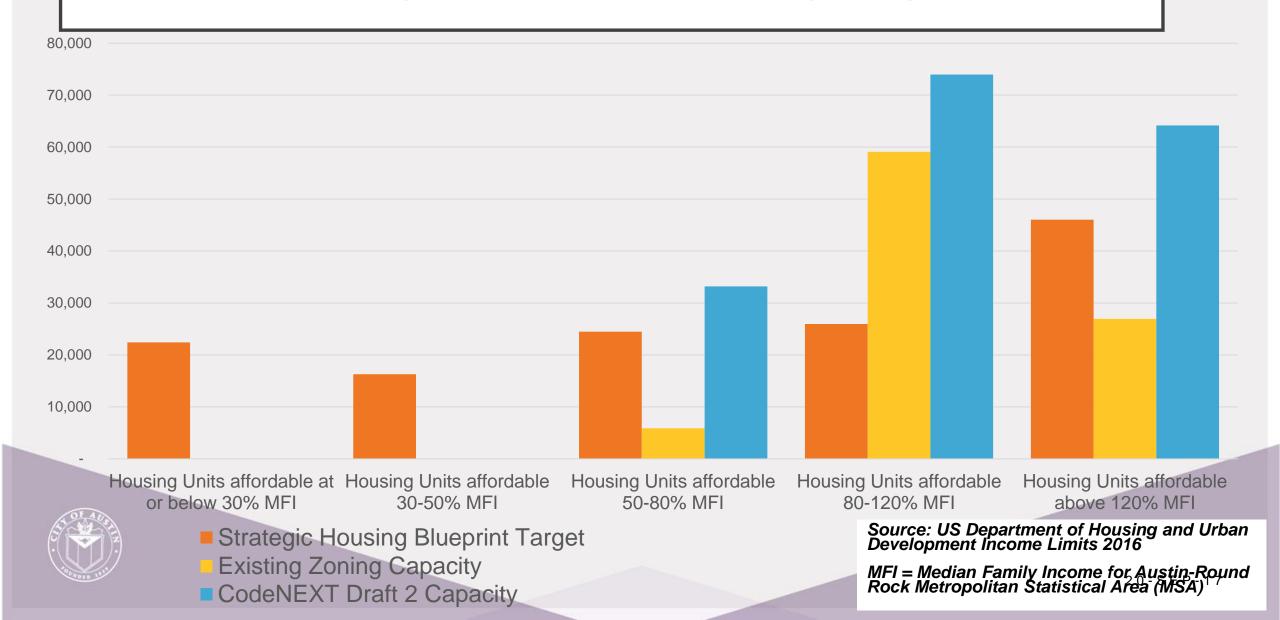
DENSITY OF EMPLOYMENT CAPACITY

Imagine Austin Centers and Corridors





NEW HOUSING CAPACITY COMPARED TO AFFORDABILITY TARGETS



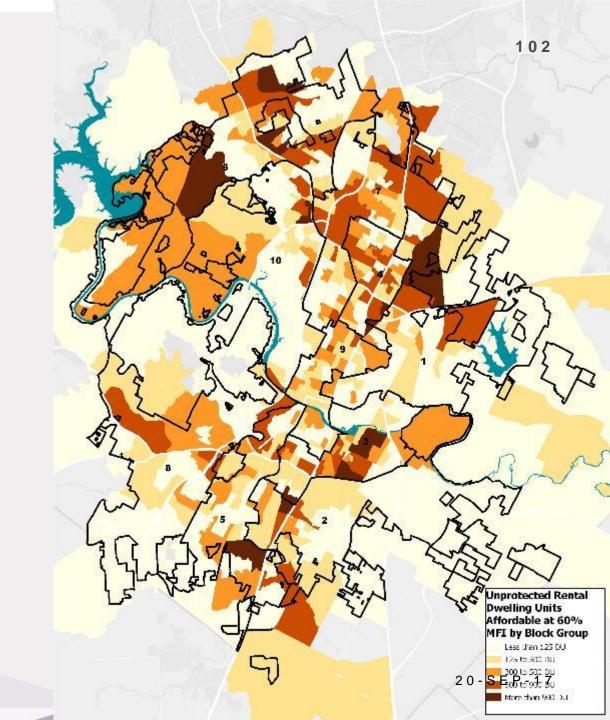
MARKET AFFORDABLE HOUSING TODAY

Unprotected (privately owned) Rental dwelling units affordable at 60% MFI (\$1,108 / month)

 City of Austin Median Family Income = \$73,928 – ACS 2015

Utilizes University of Texas professor Elizabeth Mueller's Corridor Housing Preservation research

US Block Group data



TRANSPORTATION INDICATORS

- Proximity of housing and jobs to Existing and Future Transit
- Estimated change in Vehicle Miles Traveled (VMT) under Current Zoning Code and CodeNEXT

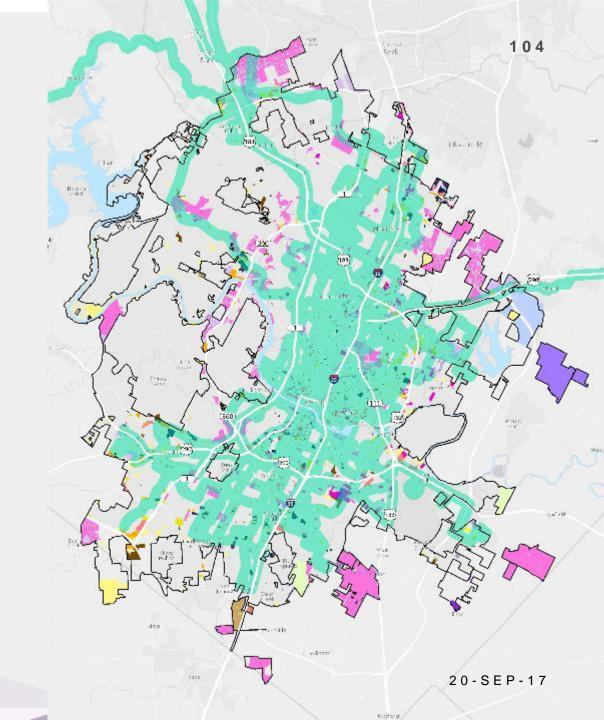


HOUSING & JOBS CLOSE TO EXISTING TRANSIT

 How many housing units & jobs are within a ¼ mile of an EXISTING TRANSIT LINE?



1/4 mile buffer of existing transit



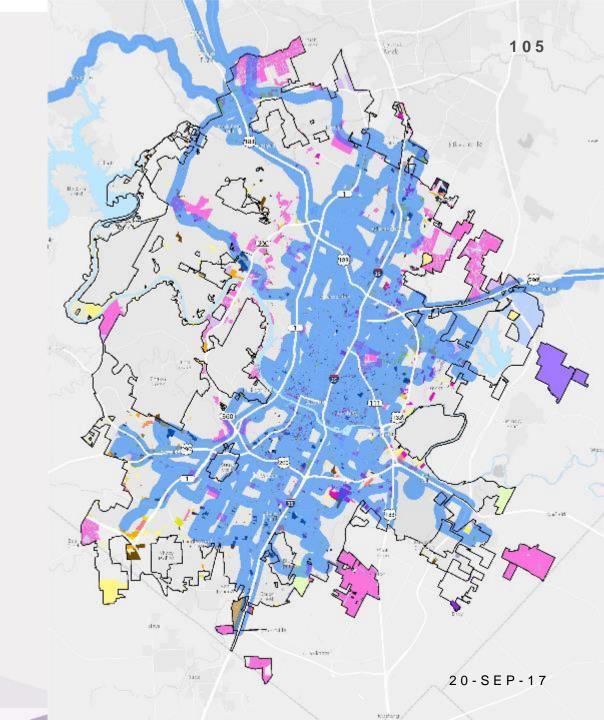


HOUSING & JOBS CLOSE TO FUTURE TRANSIT

 How many housing units are within a ¼ mile of a FUTURE TRANSIT LINE?



1/4 mile buffer of existing & future transit

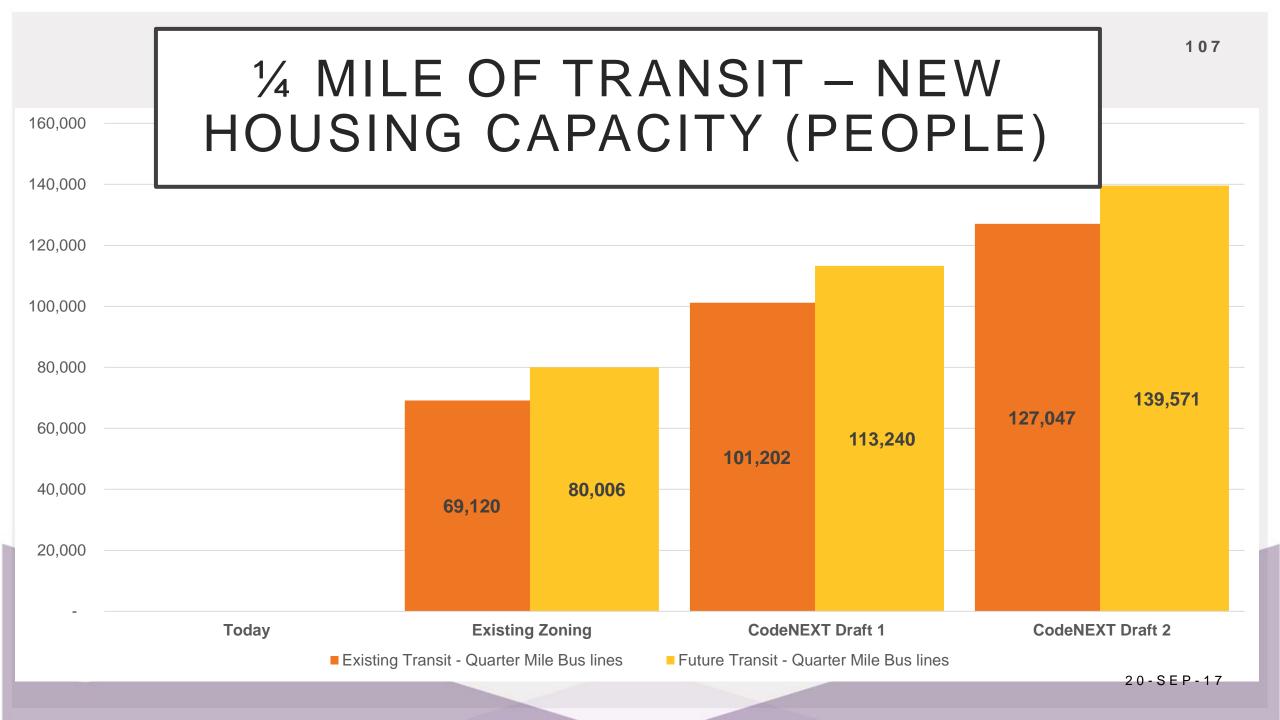












1/4 OF TRANSIT - EXISTING PLUS NEW CAPACITY EMPLOYMENT



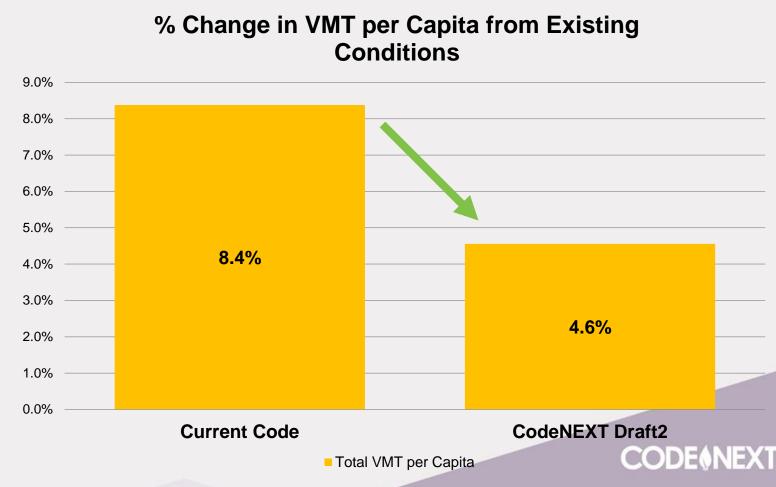
1/4 OF TRANSIT – NEW EMPLOYMENT CAPACITY



ESTIMATED CHANGE IN VEHICLE MILES TRAVELED (VMT)

 Potential suburban style development in both scenarios leads to increase in VMT

 CodeNEXT estimated increase approximately half of Current Code



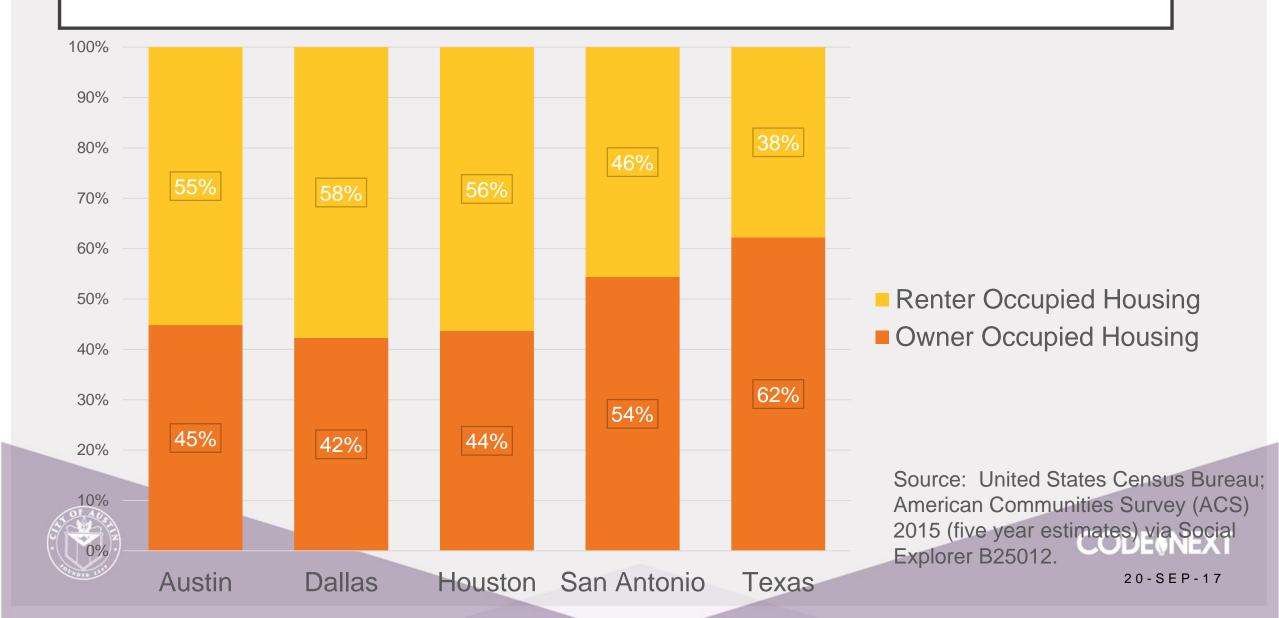
SCHOOL CHILDREN IN AUSTIN

- Where do school age children live in Austin?
- How many of their families are renters vs home owners?
- Will CodeNEXT provide more opportunities for families with children to locate closer to the urban core?

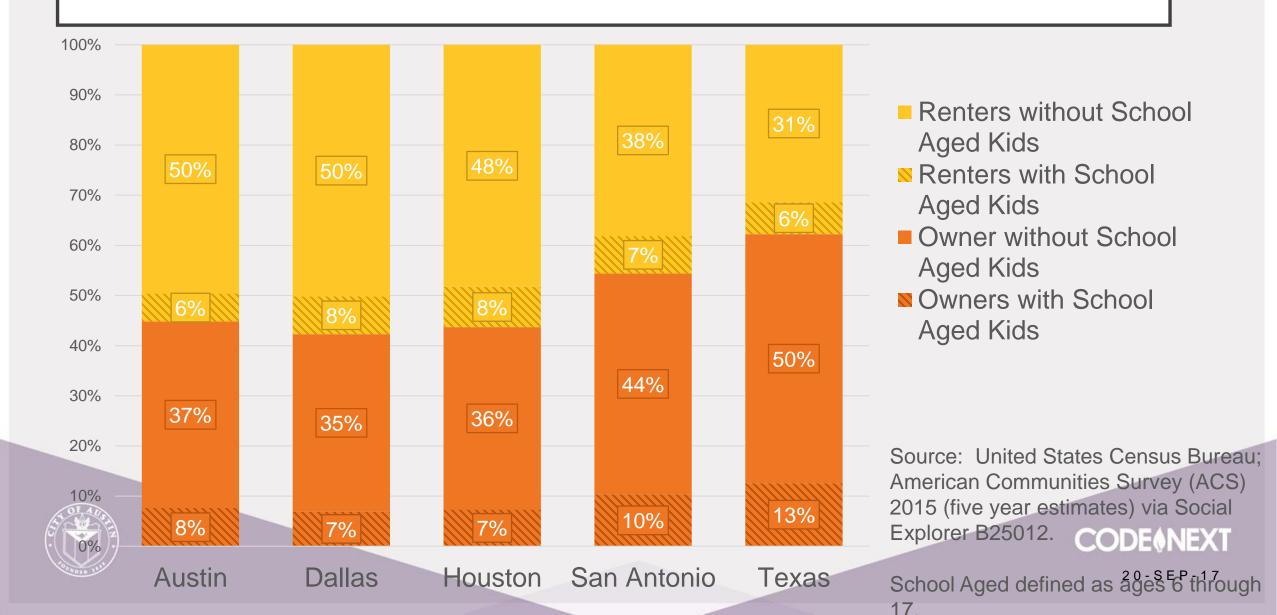
* School Aged defined at 6 to 17 years of age



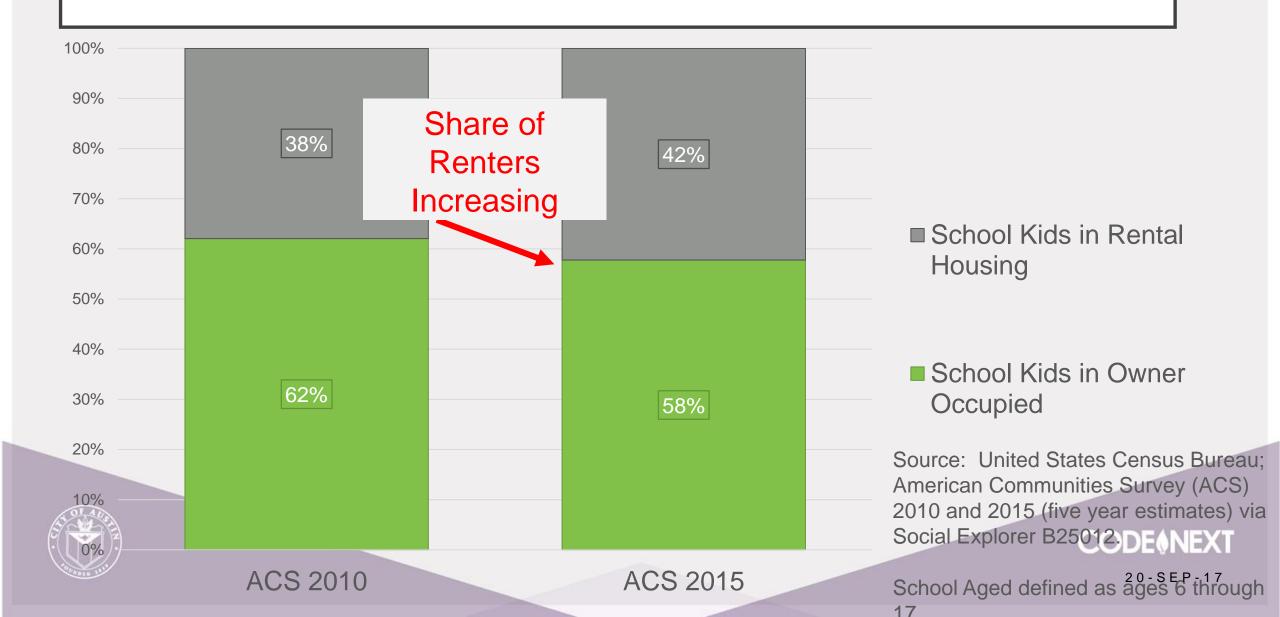
EXISTING HOUSING UNITS BY TENURE



EXISTING TENURE BY PRESENCE OF SCHOOL KIDS



EXISTING UNITS WITH SCHOOL KIDS BY TENURE IN AUSTIN



EXISTING HOUSEHOLDS WITH CHILDREN

- Source: United States
 Census Bureau;
 American Communities
 Survey (ACS) 2015 (five
 year estimates) via
 Social Explorer B25012.
- School Aged defined as ages 6 through 17.

% of Households with School Aged Children

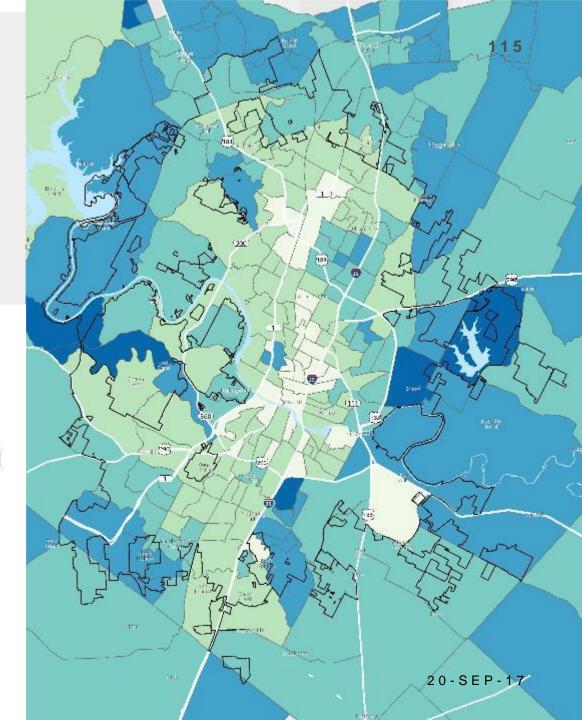
= ≤15%

= ≤30%

= ≤45%

=≤60%

=≤100%

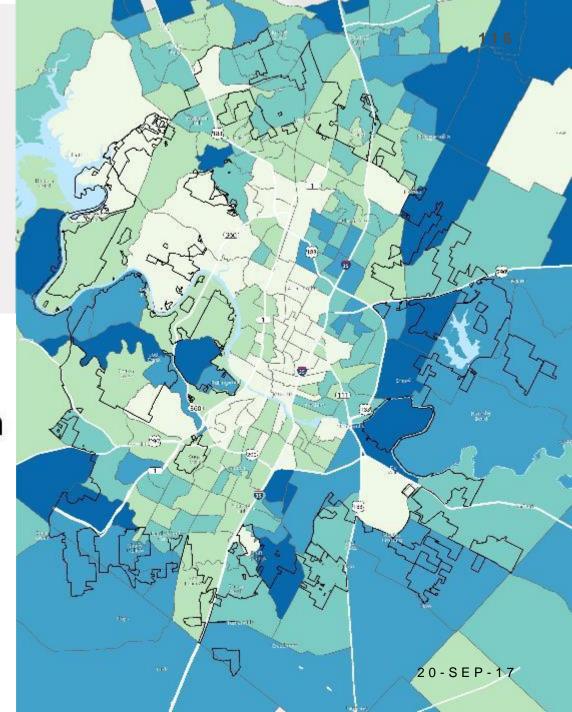


EXISTING RENTERS WITH CHILDREN

- Source: United States
 Census Bureau;
 American Communities
 Survey (ACS) 2015 (five
 year estimates) via
 Social Explorer B25012.
- School Aged defined as ages 6 through 17.

% of Renters with School Aged Children

- **=** ≤15%
- **■** ≤30%
- **■** ≤45%
- **■** ≤60%
- **■** ≤100%

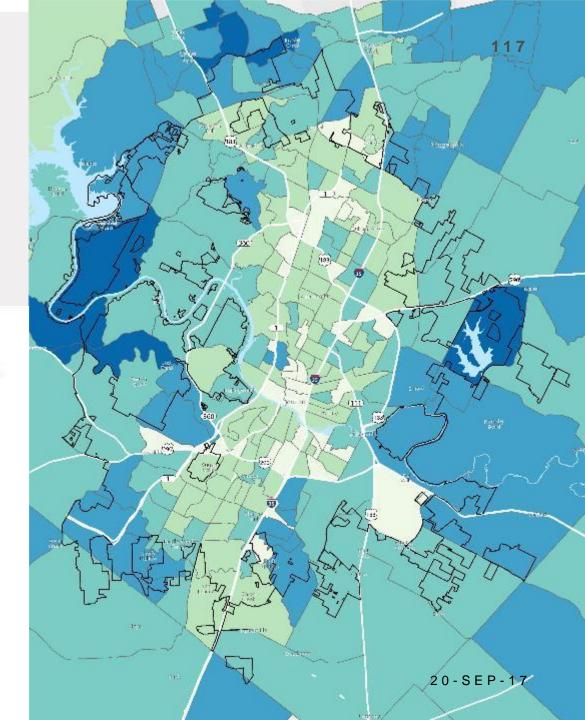


EXISTING HOME OWNERS WITH CHILDREN

- Source: United States
 Census Bureau;
 American Communities
 Survey (ACS) 2015 (five
 year estimates) via
 Social Explorer B25012.
- School Aged defined as ages 6 through 17.

% of Home Owners with School Aged Children

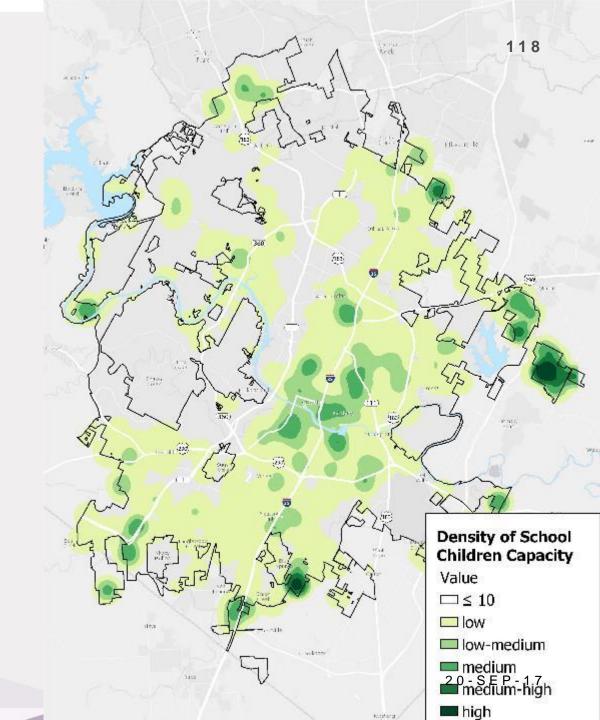
- **=** ≤15%
- **=** ≤30%
- **=** ≤45%
- **=** ≤60%
- **=** ≤100%



DENSITY OF SCHOOL AGED CHILDREN CAPACITY CURRENT CODE

22,900 estimated capacity for School Aged Children under CodeNEXT Draft 2

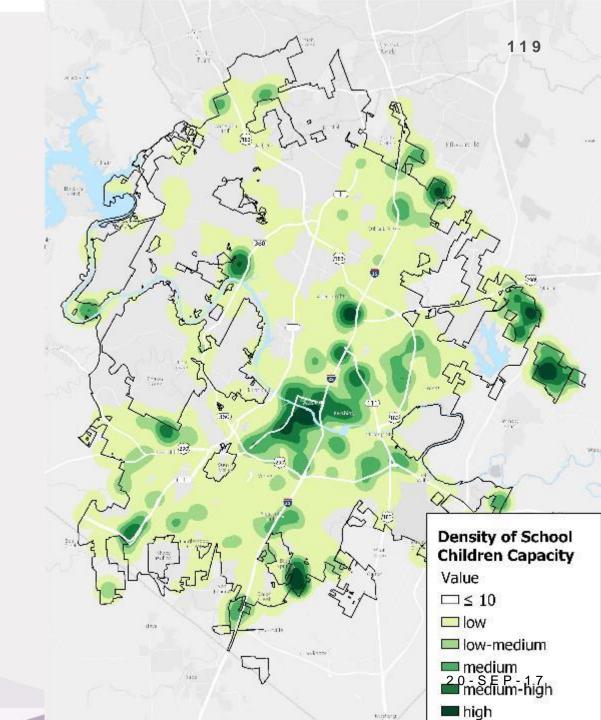




DENSITY OF SCHOOL AGED CHILDREN CAPACITY CODENEXT DRAFT 2

36,500 estimated capacity for School Aged Children under CodeNEXT Draft 2





SCHOOL CHILDREN IN AUSTIN

- Close to half of school aged children in Austin live in rental properties
- However, most renters with children live closer to the city's edges

What's the potential impact of CodeNEXT?

 Draft 2 Model shows capacity for 36,500 new school aged children

**New housing types provide additional capacity for families in the urban core





next steps







Code Text

Draft 3 November 28, 2017 **Code Map**

Draft 3 November 28, 2017 **Adoption Process**

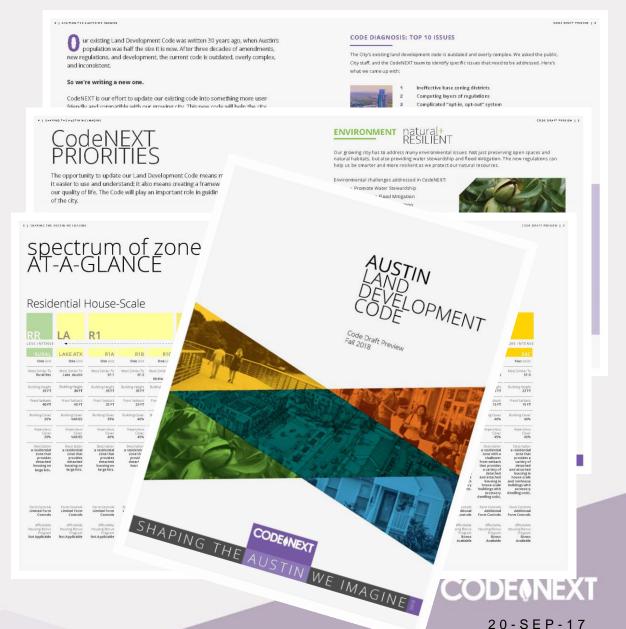
December 2017 – April 2018



OUTREACH | 122

Outreach Toolkit

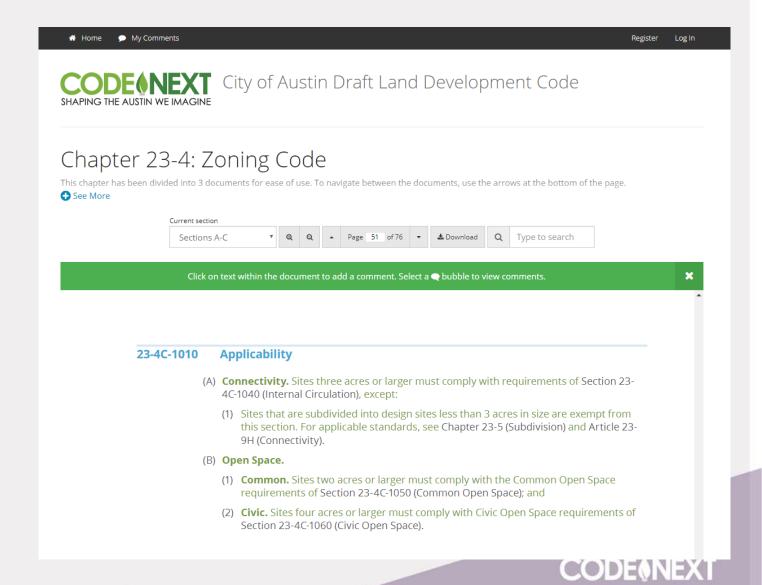
This toolkit has slide decks, scripts, and handouts. While these materials alone do not equip Austinites to become code experts, they provide a simple, consistent way for interested residents to share basic information about CodeNEXT and initiate a dialogue with their communities.





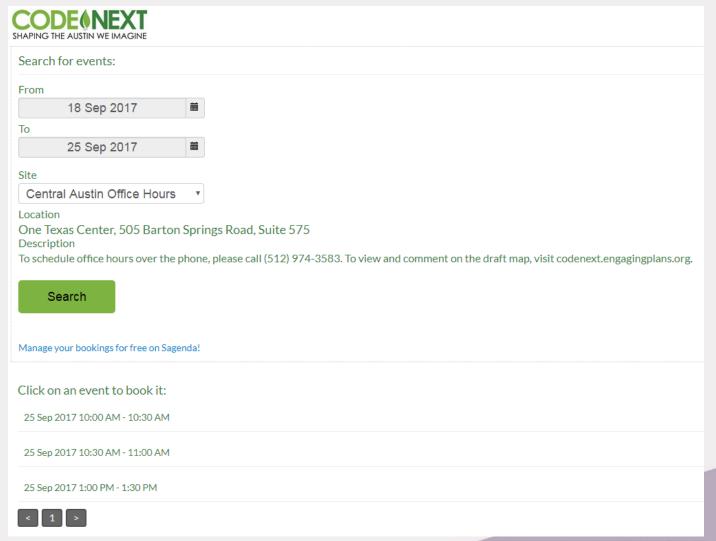
Code Comment Tool

Using a tool (CiviComment) that has been implemented in code rewrites across the country, staff will receive comments on the actual code document from Austinites.



Office Hours

Sign up online or call (512) 974-3583 to make an appointment to speak to a CodeNEXT planner about the draft code or zoning map.



Viewpoints & Community Issues Papers

In the interest of transparency, all group position papers and suggestions will be posted on the CodeNEXT document-hosting site.





June 6, 2017

The Honorable Mayor Adler Honorable City Council Members Code Advisory Group Members City of Austin Planning Commission City of Austin Zoning & Plattling Commission City of Austin Code/EXT Staff

Re: AIA Austin CodeNEXT Charrette Key Findings

On Tuesday, May 9, 2017, AIA Austin facilitated an all-day CodeNEXT Charrette with local design and real estate professionals, after which a public reception immediately followed. This charrette brought together over 70 of the city's leading architects, planners, landscape architects, civil engineers, developers, and real estate attorneys to test the draft Land Development Code and zoning may on real properties in a wide range of contexts. The purpose of the charrette was to better understand the look and feel of the draft code, visualize the outcomes, and study whether these outcomes are in alignment with the city's goals outlined in the Imagline Austin Comprehensive Plan. This guiding document envisions a compact and connected community that is vibrant, livable, and sustainably manages our environmental resources.

After attending the charrette reception, Mayor Adler was quoted comparing the draft Land Development Code to a car; "If you take this out for a test drive, there are going to be rattles and things that need to be adjusted". AIA Austin is appreciative of the immense effort that has been put into this first draft, and we recognize that there are kinks that need to be worked out through the draft process. CodeNEXT is an iterative process, and must be open to constructive criticism and new information, which could lead to both minor and significant changes in future drafts. Our Chapter is committed to making positive contributions to continuing this conversation. In keeping with this analogy, we are obliged to ofter key findings from the charrette and recommend repairs to help make CodeNEXT into the fine-tuned machine that is intended. This document is intentionally high-level, and will be complemented by a full report with detailed findings, analysis, and recommendations at a later date. The following are a few key findings from the COdeNEXT Charrette:

Inconsistent Mapping

Charrette participants experienced confusion with the patchwork mapping of new zoning categories and the overall intent of the draft map; several test areas had fransect and non-transect zoning along the same block, or across the street. This will create unpredictable and incompatible development patterns, and therefore we suggest that base zones should be recallibrated to allow a more widespread implementation of transect zones. Further, as the

The American Institute of Architects AIA Austin 801 W. 12th Street Austin, TX 78701-1709

512-452-4332 www.aiaaustin.org

Previous Group Position Papers can be found here: http://www.austintexas.gov/department/issue-papers

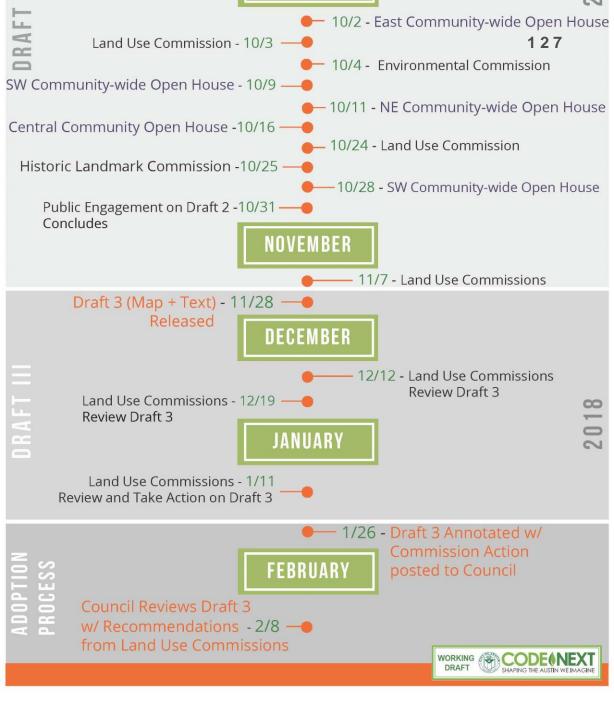


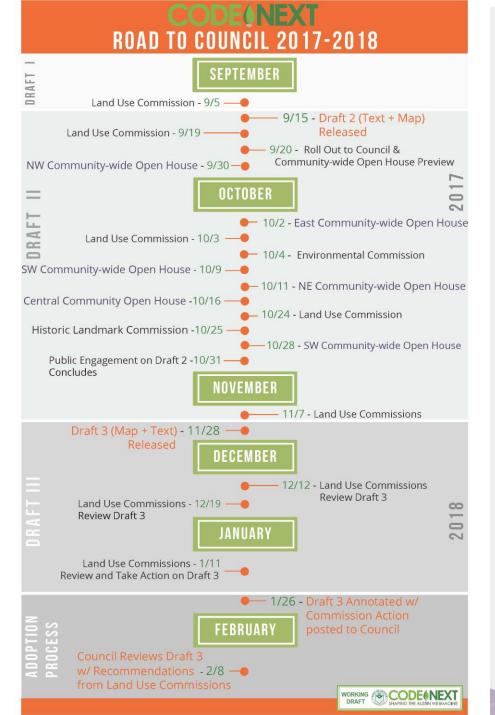
Community-wide Open Houses

- **September 30th** @ Anderson High School <10am-12pm>
- October 2nd @ Conley-Guerrero Senior Activity Center <6pm-8pm>
- October 9th @ Crockett High School <6pm-8pm>
- October 11th @ Hart Elementary School <6pm-8pm>
 - Language services available in Vietnamese, Spanish, Arabic, & Mandarin
- October 16th @ Austin High School <6pm-8pm>
- October 28th @ Dove Springs Rec Center <10am-12pm>
 - Language services available in Spanish



ROAD TO COUNCIL 2017-2018 **SEPTEMBER** Land Use Commission - 9/5 — 9/15 - Draft 2 (Text + Map) Released Land Use Commission - 9/19 -- 9/20 - Roll Out to Council & Community-wide Open House Preview NW Community-wide Open House - 9/30 — OCTOBER ● 10/2 - East Community-wide Open House Land Use Commission - 10/3 — ● 10/4 - Environmental Commission SW Community-wide Open House - 10/9 — ● 10/11 - NE Community-wide Open House Central Community Open House -10/16 — ● 10/24 - Land Use Commission Historic Landmark Commission -10/25 -— 10/28 - SW Community-wide Open House Public Engagement on Draft 2 -10/31 — Concludes NOVEMBER - 11/7 - Land Use Commissions Draft 3 (Map + Text) - 11/28 — Released DECEMBER 12/12 - Land Use Commissions Review Draft 3 Land Use Commissions - 12/19 —





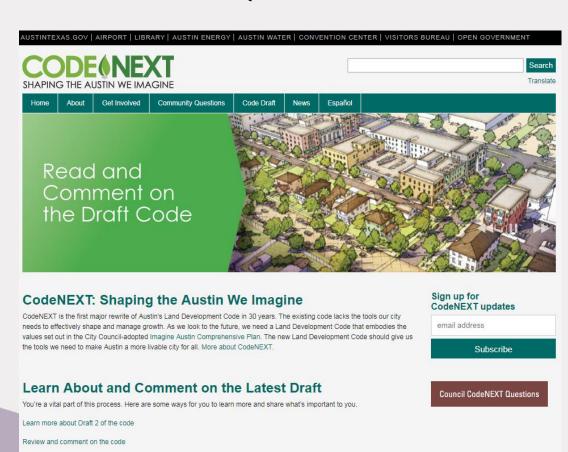
CODE NEXT

20-SEP-17

Council Q&A

Review and comment on the map

See the timeline through February 2018



CODENEXT

Questions

Request From	Year	Status	
* Any ▼	2017 ▼	* Any ▼	Filter

No. *	Requestor =	Year ♦	Received *	Subject	Question	Status \$	Answer
1	Tovo	2017	05/25/2017	Resolution 20170126-038 Preservation of Affordable Housing	Council Resolution 20170126-038 addresses the fact that the vast majority of Austin's existing affordable housing (62,000 units) are privately owned, non-subsidized older housing. The resolution directs the City Manager to have CodeNext sta (More)	Pending	
2	Tovo	2017	05/25/2017	Projected Housing numbers	Given the consultant's new housing capacity estimate of more than 140,000 with Code Next, please provide projected housing numbers by district and zoning classification. Please also provide: *calculations and assumptions used to derive the (More)	Pending	
3	Tovo	2017	05/25/2017	Community character photographs	Please provide a link to the community character photos, by district and, if possible, by neighborhood. Describe how were these used to guide mapping decisions and proposed zoning classifications.	Posted	The Community Character Manual can be viewed in its entirety here: ftp://ftp.ci.austin.tx.us/ci15-Data/planning/CodeNext/Community_Character_Manual/. The images are organized by neighborhood in the Character Manual in Chapter 6. The images, (More) Answered: 06/08/2017 04:26 PM
4	Tovo	2017	05/25/2017	Adherence to Neighborhood Plans	In multiple neighborhoods, properties currently zoned single family (SF3 as well as SF2) appear in the proposed maps as Transect 4, which has been described as a multifamily zoning category. Many of these properties fall within neighborhood (More)	Posted	When applying new zones to a property, the mapping team, which consists of staff and consultants, evaluated a variety of factors, including Imagine Austin, neighborhood plans (and associated FLUMs), existing zoning and land use, conditional (More) Answered: 06/08/2017 04:15 PM
5	Tovo	2017	05/25/2017	Mapping process	Who developed the draft maps – city staff or consultants? If city staff played a role in developing draft maps, please indicate their division and describe their familiarity with existing neighborhood plans and zoning designations such as I (More)	Posted	The draft maps were a collaborative effort over a period of months between city staff and consultant team. City staff from the Planning and Zoning Department (Comprehensive Planning, Neighborhood Involvement and Implementation, Urban Design (More) Answered: 06/08/2017 04:16 PM
6	Tovo	2017	05/25/2017	Process for reviewing and incorporating code and map edits and revisions	What will be the process for determining which comments on the draft maps and draft code will be incorporated into the versions that get reviewed by the commissions? Will there be a map and code revision committee? If so, who will serve on (More)	Posted	All comments submitted before June 7 (text), July 14 (affordability section), and July 7 (map) will be considered by staff for incorporation into the staff recommendation. The staff recommendation will be brought to the Planning Commission (More) Answered: 06/08/2017 04:26 PM
7	Tovo	2017	05/25/2017	Public comment on Code Next text and maps	Given the short timeframe for comments and the large amount of new information to read and understand, how can members of the public provide comments after the June 7	Posted	Both online comment tools will still be open after the initial deadlines of June 7 and July 7. All comments received after the initial deadlines will be compiled and sent to the Planning Commission Zoning and Platting Commission.

CODENEXT

questions +ANSWERS



POINTS OF CONTACT



CODE NEXT

20-SEP-17

SINGLE POINTS OF CONTACT FOR COUNCIL OFFICES AND LAND USE COMMISSIONERS

District 1 Council Member Ora Houston

PC: Trinity White

ZAP: Betsy Greenberg

SPOC: Stevie Greathouse

<u>District 2 Council Member Delia Garza</u>

PC: Fayez Kati

ZAP: Ana Aguirre

SPOC: Matt Dugan

District 3 Council Member Sabino Renteria

PC: Jeff Thompson

ZAP: Dustin Breithupt

SPOC: Jorge Rousselin

District 4 Council Member Greg Casar

PC: Jose Vela

ZAP: Stephanie Trinh

SPOC: Jorge Rousselin



SINGLE POINTS OF CONTACT FOR COUNCIL OFFICES AND LAND USE COMMISSIONERS

District 5 Council Member Ann Kitchen

PC: Tom Nuckols

ZAP: David King

SPOC: Matt Dugan

<u>District 6 Council Member Jimmy Flannigan</u>

PC: Greg Anderson

ZAP: Bruce Evans

SPOC: Tonya Swartzendruber

District 7 Council Member Leslie Pool

PC: Nuria Zaragoza

ZAP: Ann Denkler

SPOC: Stevie Greathouse

<u>District 8 Council Member Ellen Troxclair</u>

PC:James Schissler

ZAP:Sunil Lavani

SPOC: Jerry Rusthoven



SINGLE POINTS OF CONTACT FOR COUNCIL OFFICES AND LAND USE COMMISSIONERS

District 9 Mayor Pro Tem Kathie Tovo

PC: Karen McGraw

ZAP: Jolene Kolbassa

SPOC: Jerry Rusthoven

District 10 Council Member Alison Alter

PC: Patricia Seeger

ZAP: Jim Duncan

SPOC: Tonya Swartzendruber

Mayor Steve Adler

PC: Steve Oliver, James Sheih, Angelina

Pineyra De Hoyas, William Burkhardt

ZAP: Yvonne Flores

SPOC: Greg Guernsey



SHAPING THE AUSTIN WE IMAGINE

Help us get it right.

We invite you to review and comment on the draft code document, ask questions, and stay connected. www.austintexas.gov/codenext

codenext@austintexas.gov

Review and comment on the draft code https://codenext.civicomment.org/

Review and comment on the map http://codenext.engagingplans.org/

