

# IMAGINEAUSTIN

## comprehensive plan

Comprehensive Plan Citizens Advisory Task Force

Supplemental Analysis of Preferred Scenario  
and Growth Concept

Planning and Development Review Department



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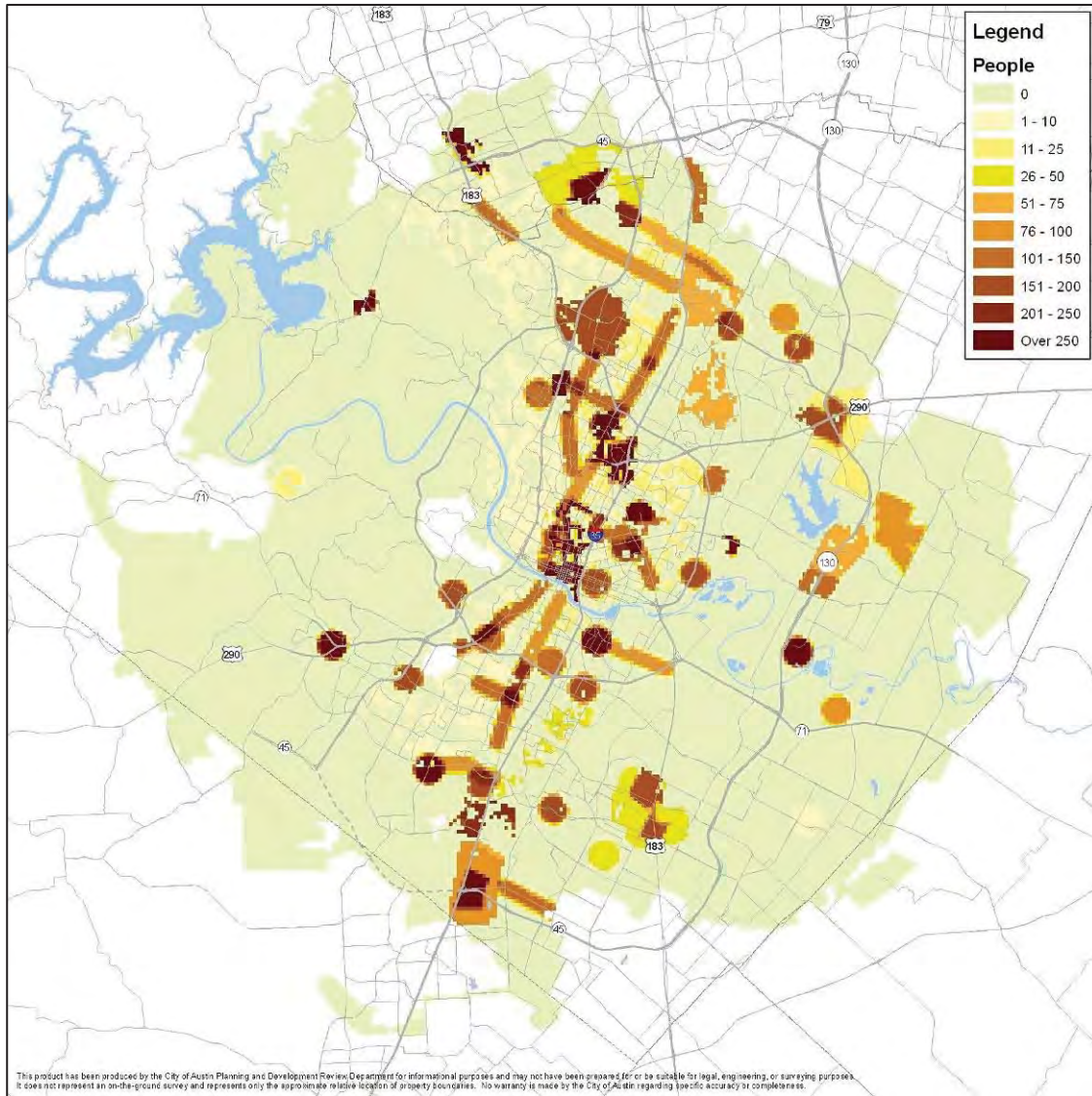
# IMAGINEAUSTIN

## comprehensive plan

### **Notes and Restrictions on Population and Jobs Projections:**

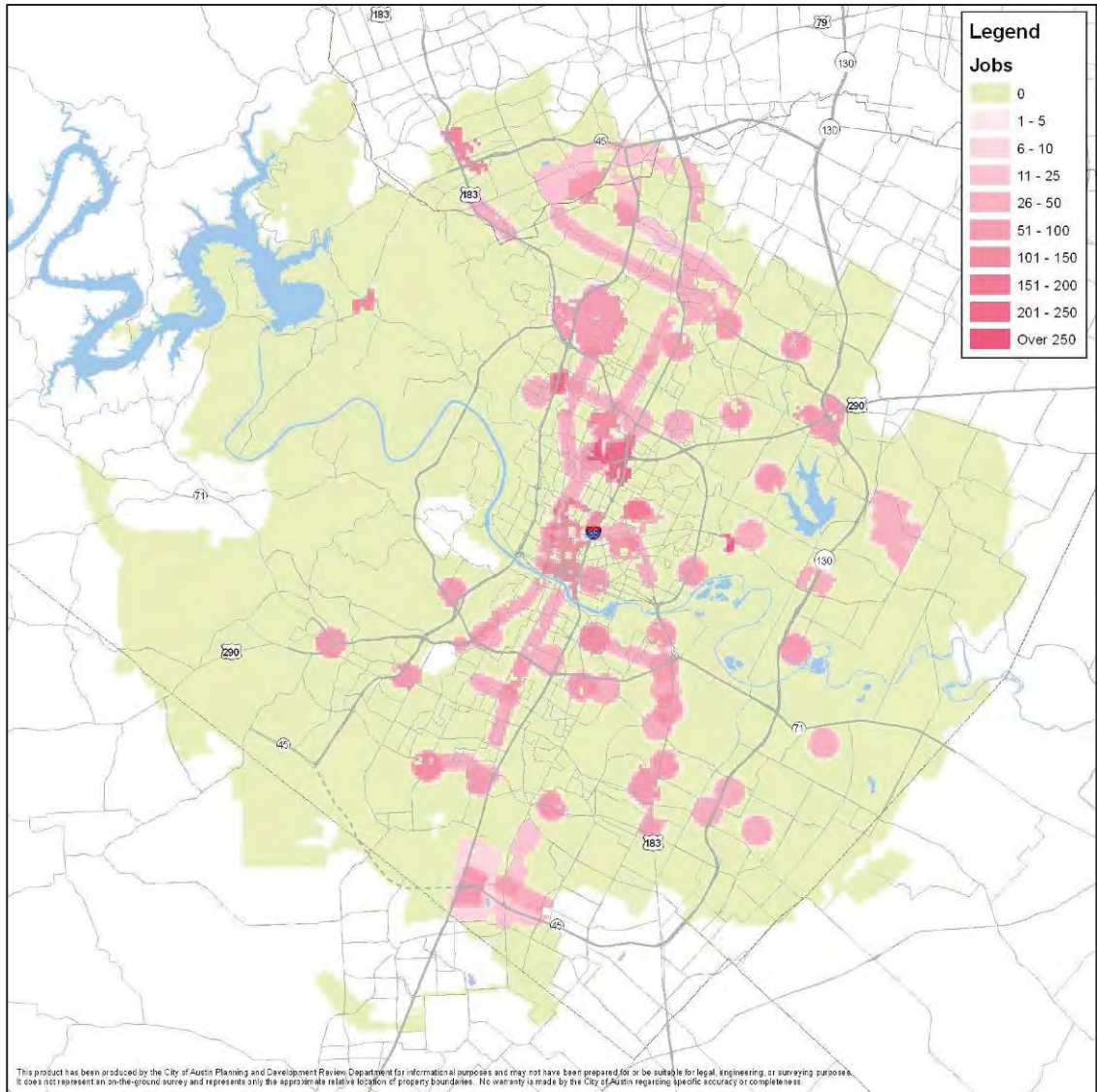
1. Overall forecast of 750,000 People/300,000 Jobs
2. Unrefined and meant for regional, not neighborhood-level analyses
3. Plan does not call for specific placement of population and jobs
4. The Preferred Scenario and Growth Concept are conceptual representations, based on extensive public input. Furthermore, some of the Centers and Corridors are simply general circles that will be further delineated as they are developed or changed through additional planning. Therefore, the following maps and tables are conceptual representations.
5. Staff used the Preferred Scenario when population and jobs was needed for analysis, and used the Growth Concept for when it was not needed.

# Population Added with Preferred Scenario

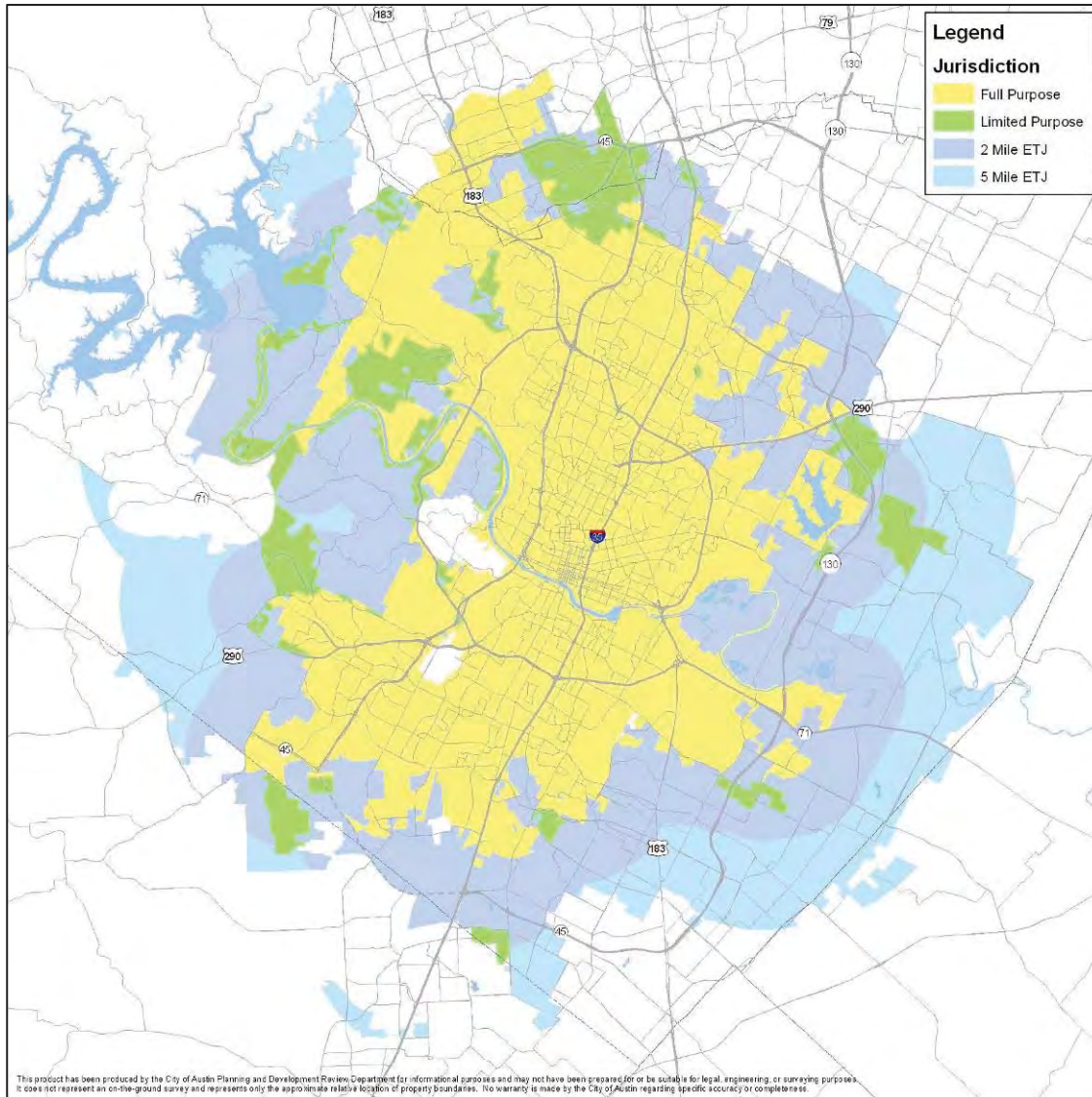


## Preferred Scenario

# Jobs Added with Preferred Scenario



# City Jurisdictions



## Preferred Scenario

## Population Added With Preferred Scenario by City Jurisdictions

Population Jurisdiction	Existing			Total Added 2009-2039		Total by 2039	
	People	Acres	Density: Persons/Ac.	People	%	People	Density: Persons/Ac.
Extra-territorial Juris. (ETJ)	208,225	198,906	1.0	139,880	19%	348,105	1.8
Full and Limited Purpose	812,025	196,998	4.1	610,120	81%	1,422,145	7.2
<b>Grand Total</b>	<b>1,020,250</b>	<b>395,904</b>	<b>2.6</b>	<b>750,000</b>	<b>100.0%</b>	<b>1,770,250</b>	<b>4.5</b>

# Preferred Scenario

## Comparison of Density in Other Cities

City	People	Acres	Density: Persons/ Ac.
Houston	2,099,451	384,832	5.5
Dallas	1,197,816	246,912	4.9
New York City	8,175,133	300,096	27.2
Portland, OR	583,776	93,056	6.3
Columbus	787,033	136,064	5.8
Fort Worth	741,206	217,472	3.4

# Preferred Scenario

## Additional Cities Densities (taken from Portland, OR plan)



### Denver, CO

#### City Area

98,560 Acres

154 Sq. Miles

#### Population

598,000

#### Population Density

6 Persons/Acre



### Austin, TX

#### City Area

189,440 Acres

296 Sq. Miles

#### Population

743,000

#### Population Density

4 Persons/Acre



### Sacramento, CA

#### City Area

63,360 Acres

99 Sq. Miles

#### Population

475,000

#### Population Density

7 Persons/Acre



### Seattle, WA

#### City Area

53,760 Acres

84 Sq. Miles

#### Population

592,000

#### Population Density

11 Persons/Acre



### Los Angeles, CA

#### City Area

318,720 Acres

798 Sq. Miles

#### Population

3,800,000

#### Population Density

12 Persons/Acre



### Vancouver, BC

#### City Area

28,160 Acres

44 Sq. Miles

#### Population

575,000

#### Population Density

20 Persons/Acre



### Paris, France

#### City Area

23,680 Acres

37 Sq. Miles

#### Population

2,200,000

#### Population Density

93 Persons/Acre



### Mexico City, Mexico

#### City Area

366,720 Acres

573 Sq. Miles

#### Population

8,800,000

#### Population Density

24 Persons/Acre

# Preferred Scenario



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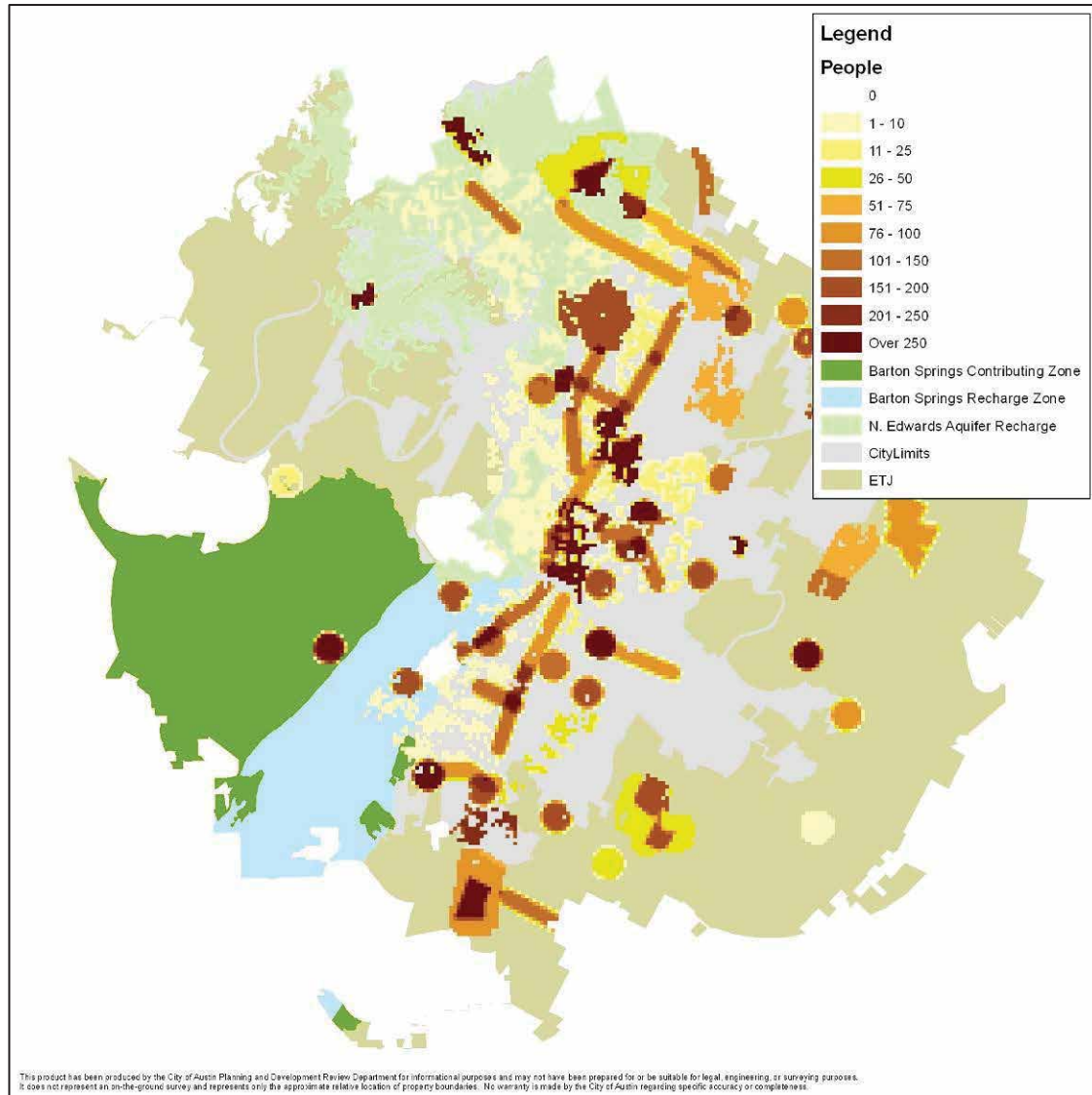


## Jobs Added With Preferred Scenario by City Jurisdictions

Jurisdiction	Total Added 2009-2039	
	Jobs	% Distribu tion
Extra-territorial Jurisdiction (ETJ)	53,990	18%
Full and Limited Purpose	246,199	82%
<b>Grand Total</b>	<b>300,189</b>	<b>100.0%</b>

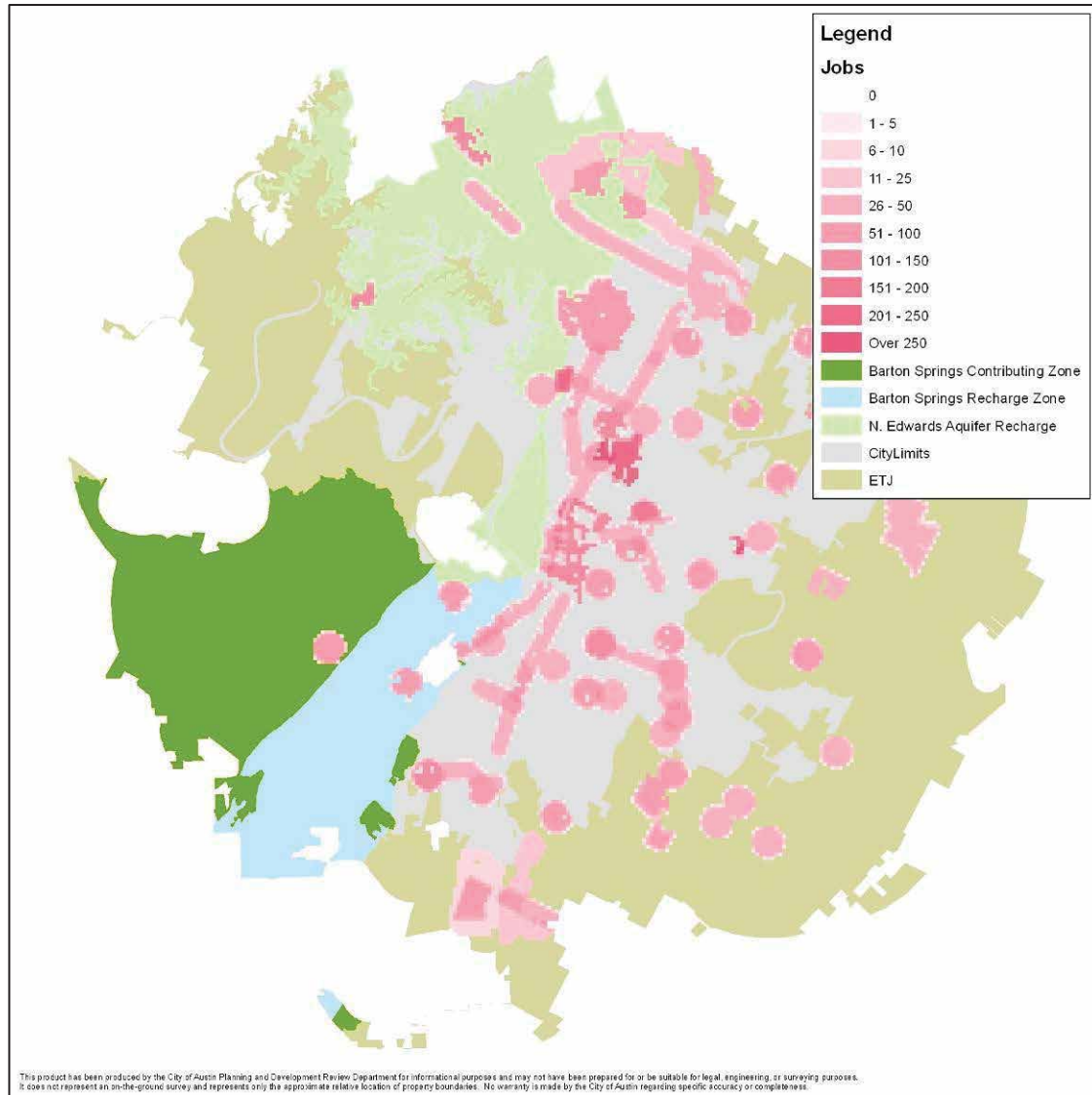
Preferred Scenario

# Population Added with Preferred Scenario by Edwards Aquifer Recharge Zone



## Preferred Scenario

# Jobs Added with Preferred Scenario by Edwards Aquifer Recharge Zone



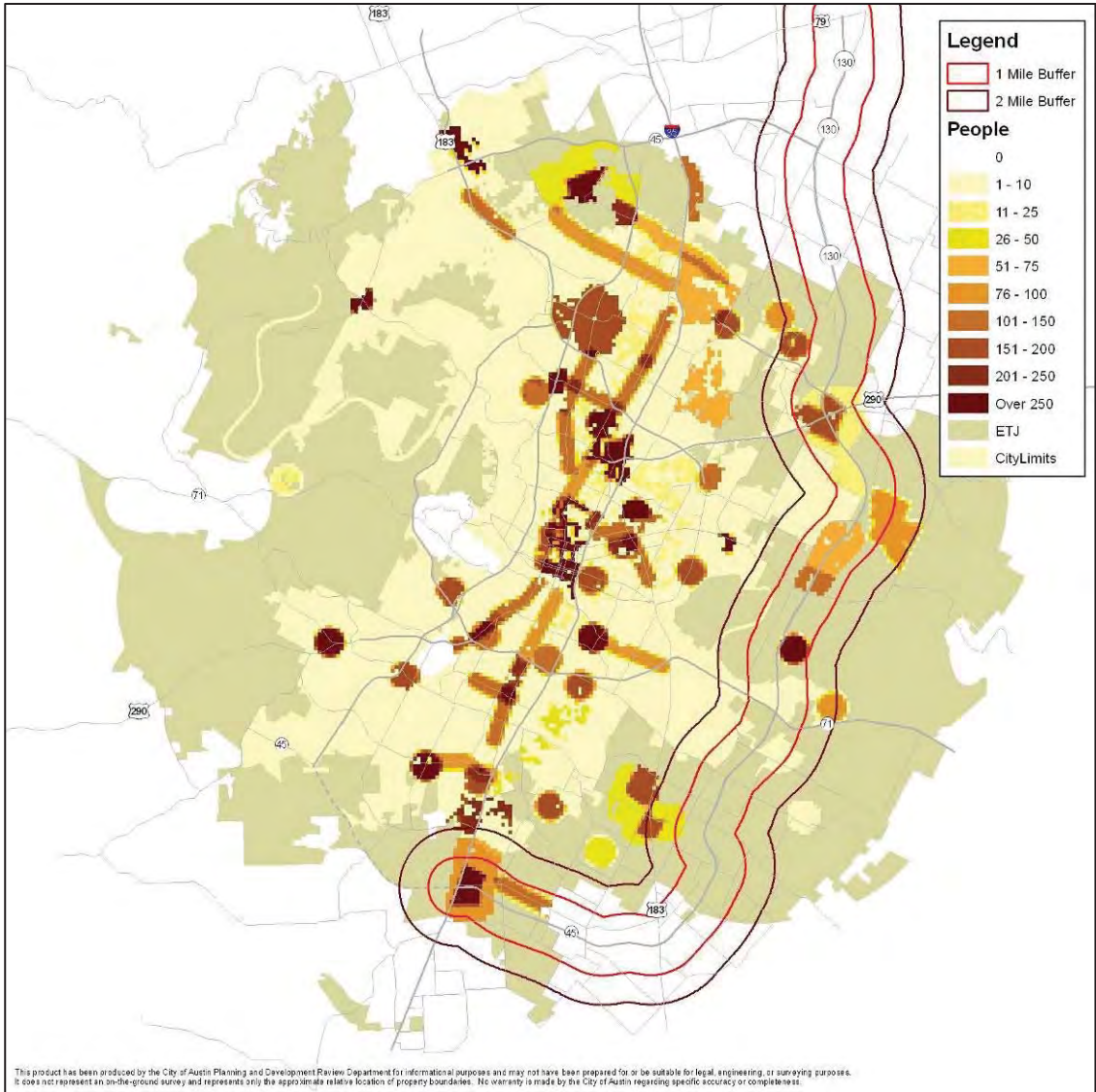
## Preferred Scenario

## Population and Jobs Added with Preferred Scenario By Edwards Aquifer Zones

Recharge Zone	Total Added By 2039		Percentage of Grand Total	
	Population	Jobs	Pop.	Jobs
Barton Springs Contributing Zone	15,981	5,263	2.1%	1.8%
Barton Springs Recharge Zone	20,533	6,632	2.7%	2.2%
<b>Total in Barton Edwards Aquifer Zone</b>	<b>36,514</b>	<b>11,895</b>	<b>4.9%</b>	<b>4.0%</b>
N. Edwards Recharge Zone	107,851	41,219	14.4%	13.7%
<b>Total in Edwards Aquifer Zones</b>	<b>144,365</b>	<b>53,114</b>	<b>19.2%</b>	<b>17.7%</b>
Rest of ETJ/City Limits	605,635	246,885	80.8%	82.3%
<b>Grand Total</b>	<b>750,000</b>	<b>300,000</b>	<b>100.0%</b>	<b>100.0%</b>

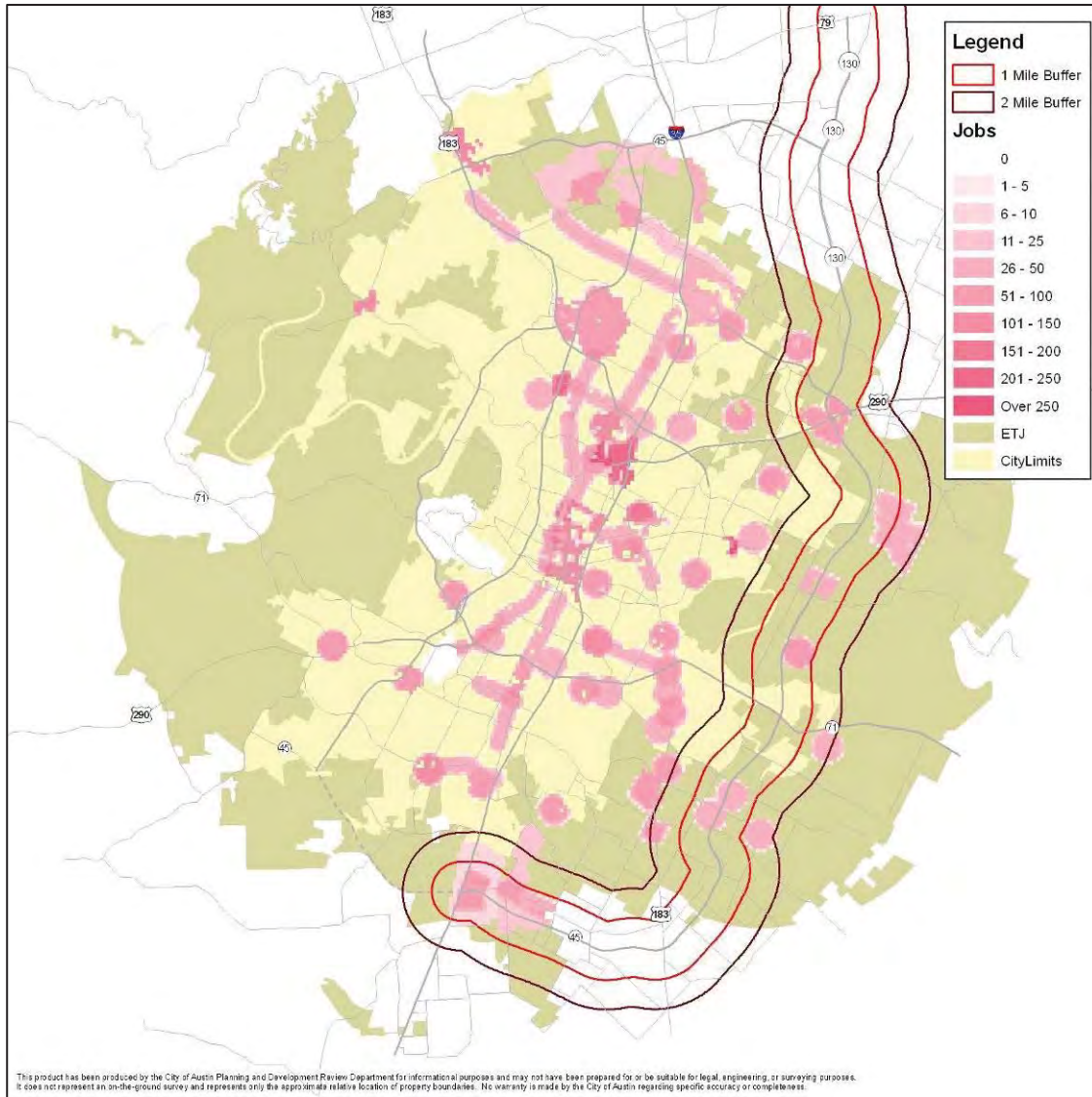
# Preferred Scenario

# Population Added with Preferred Scenario in SH130/45 Areas



## Preferred Scenario

# Jobs Added with Preferred Scenario in SH130/45 Areas



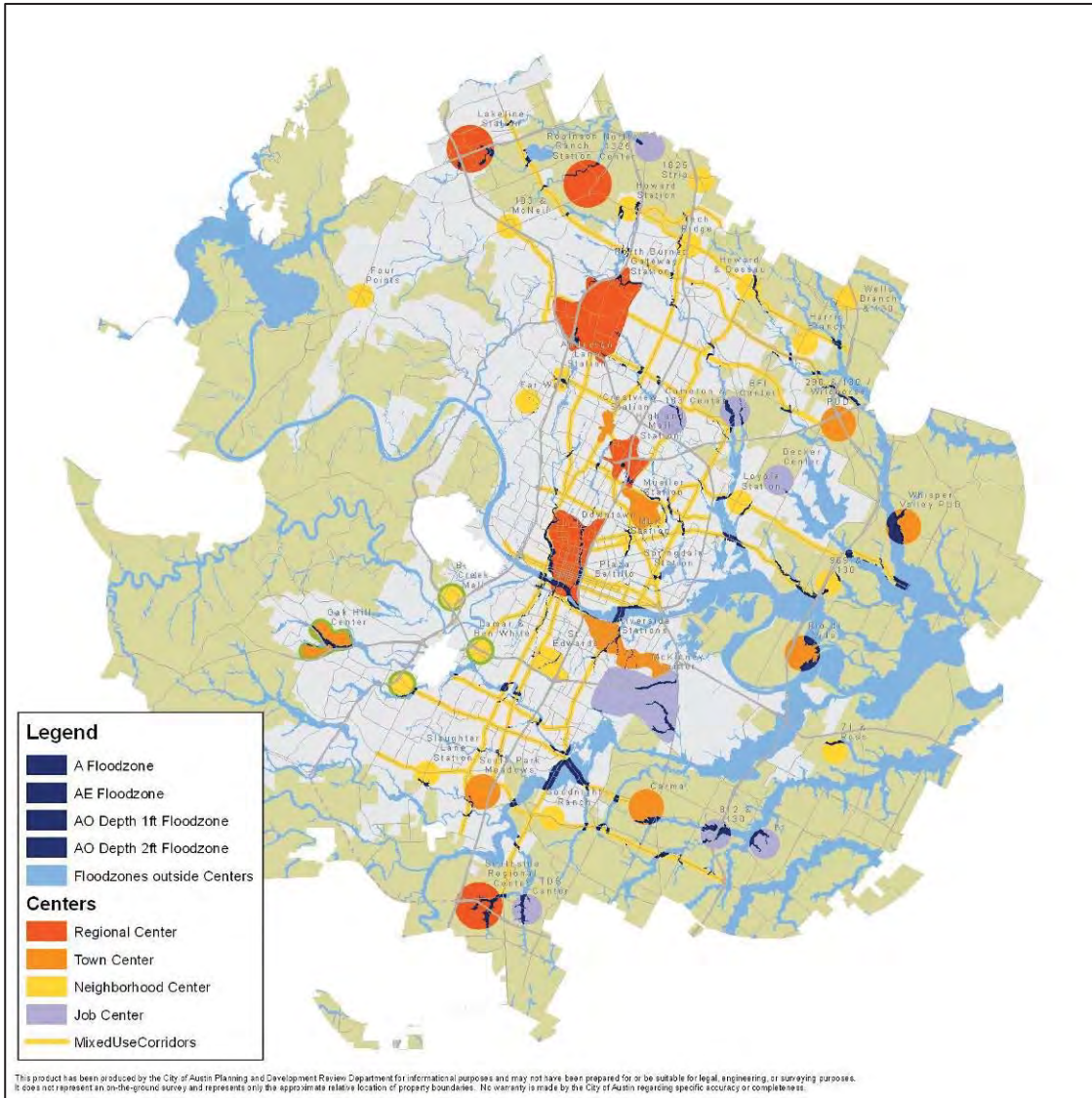
## Preferred Scenario

## Population and Jobs Added with Preferred Scenario in SH 130/45 Areas

Area	Total Added By 2039		Percentage of Grand Total	
	Population	Jobs	Population	Jobs
Within 1 mile	95,481	34,165	12.7%	4.6%
Within 2 miles	33,935	12,858	4.5%	1.7%
<b>Total Within 2 Miles</b>	<b>129,416</b>	<b>47,023</b>	<b>17.3%</b>	<b>15.7%</b>
Rest of ETJ/City Limits	620,584	252,977	82.7%	84.3%
<b>Grand Total</b>	<b>750,000</b>	<b>300,000</b>	<b>100.0%</b>	<b>100.0%</b>

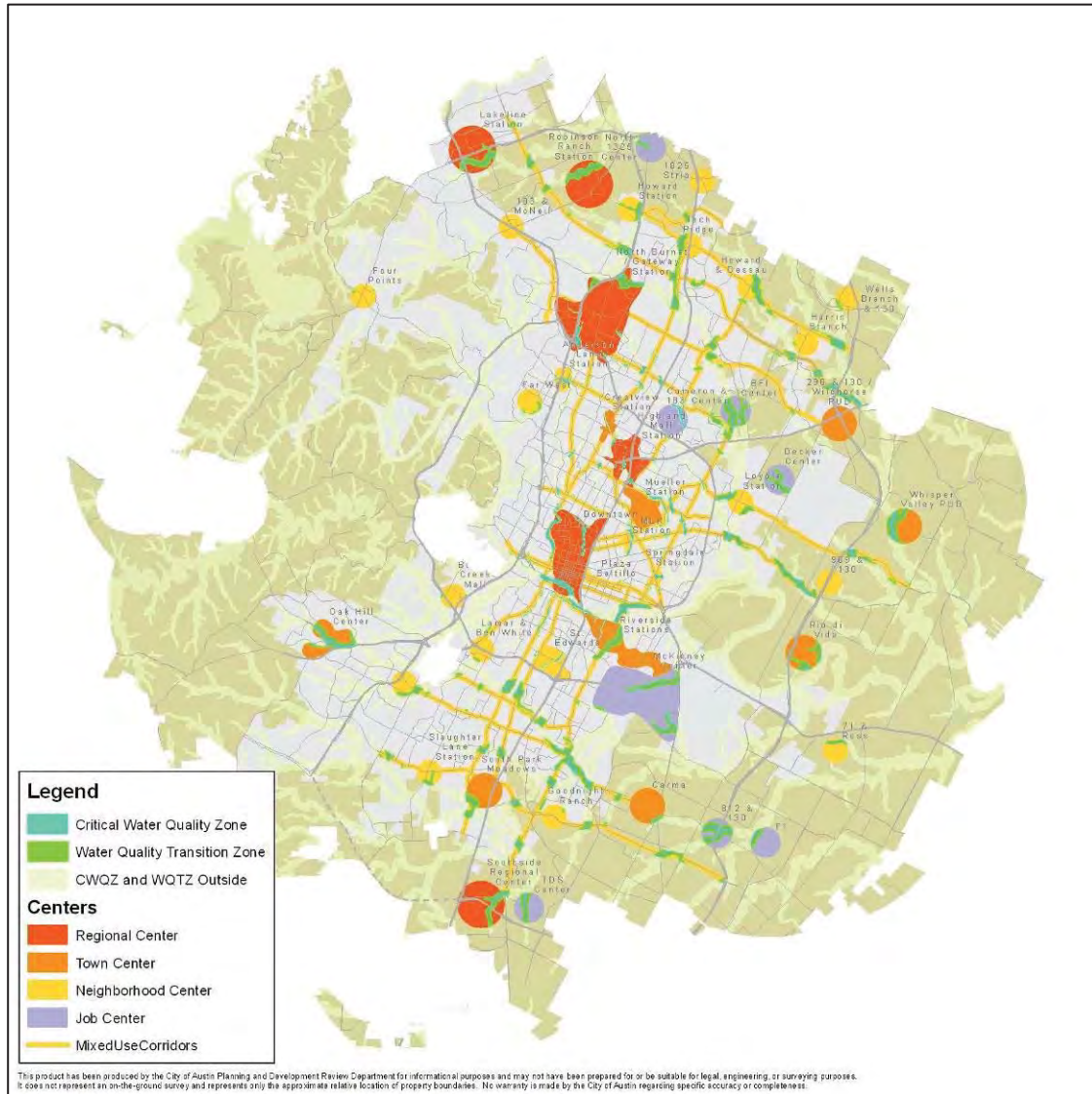
Preferred Scenario

# Flood Plains and Growth Concept



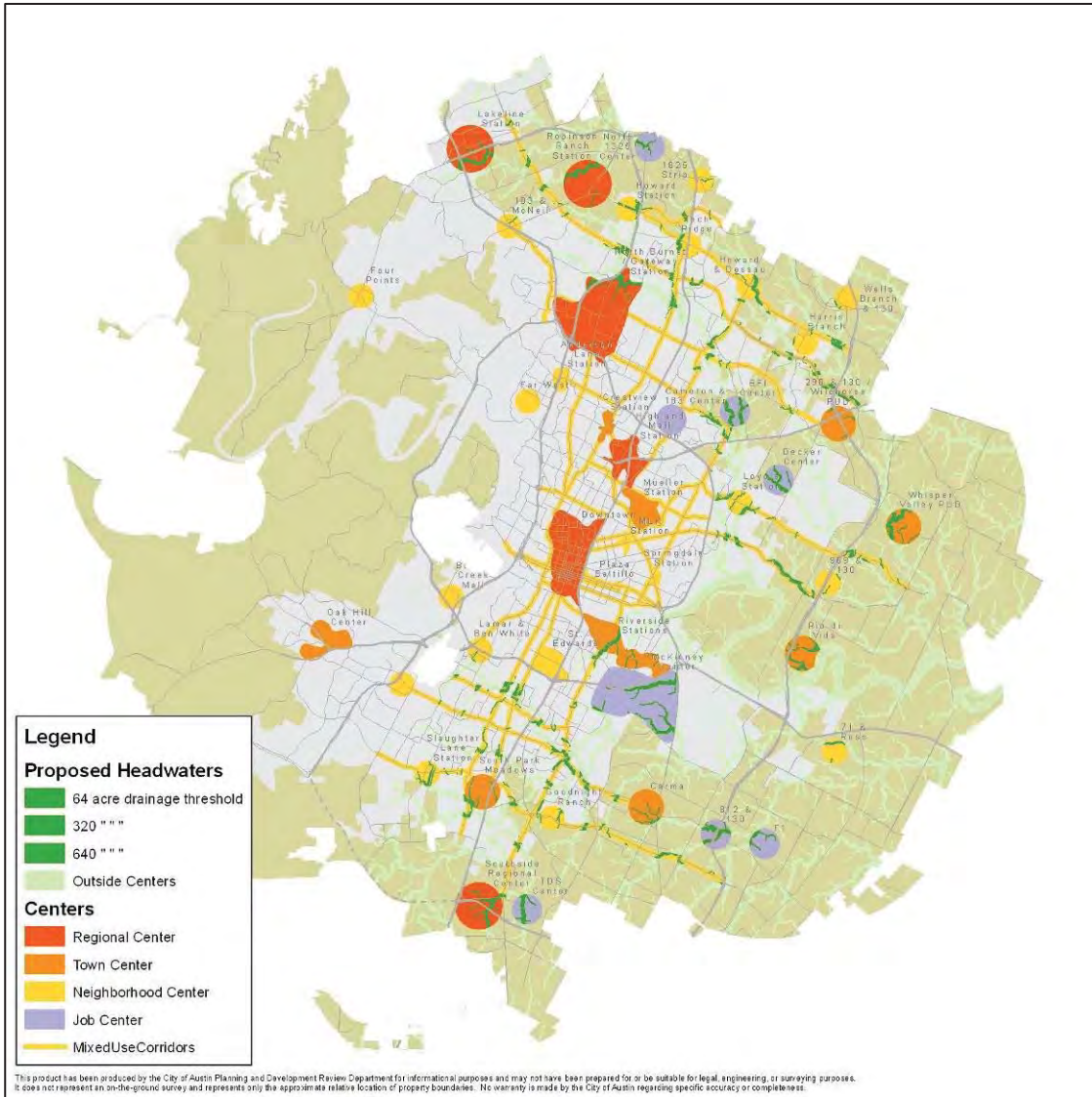


# Stream Buffers and Growth Concept



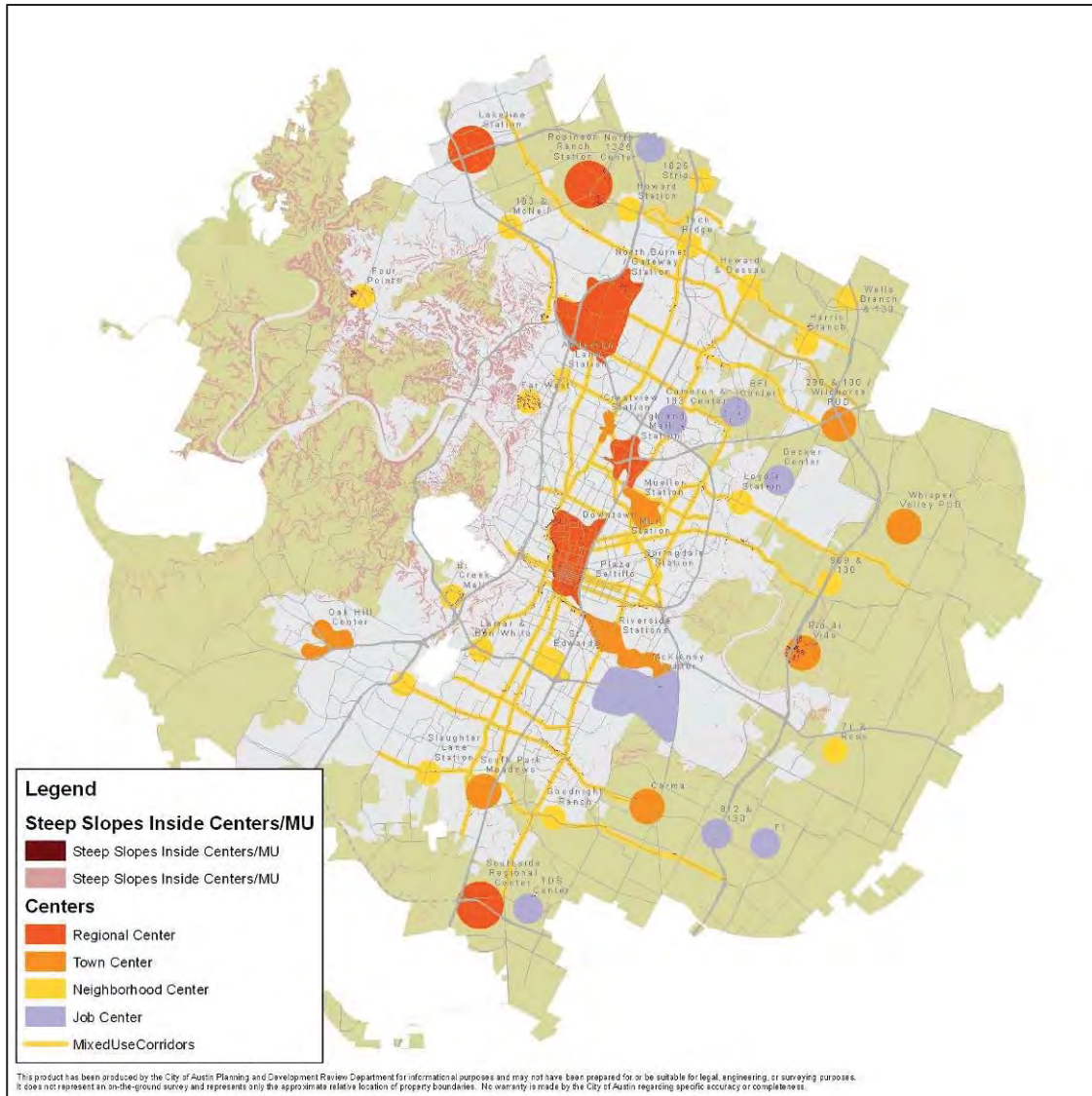
# Growth Concept

# Proposed Headwaters and Growth Concept



# Growth Concept

# Steep Slopes and Growth Concept



# Growth Concept

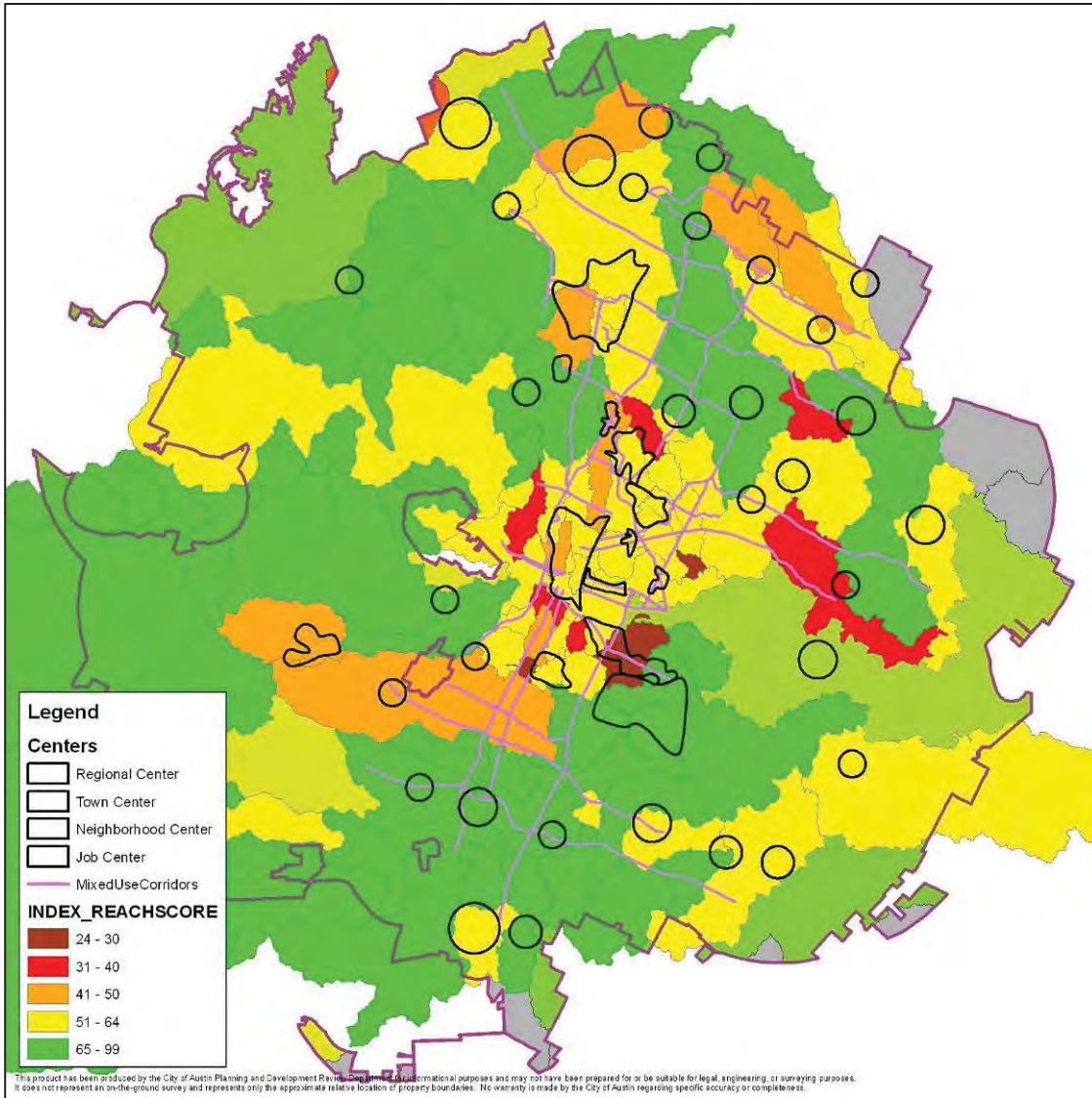
## Environmentally Sensitive Areas<sup>1</sup> in Centers and Corridors

Type	Environmentally Sensitive Acres		
	Outside	Inside	Total Acreage
<b>Centers</b>	25,076.6	5,139.0	30,215.6
<b>Percentage</b>	83%	17%	100%
<b>Corridors</b>	25,292.7	4,999.5	30,292.1
<b>Percentage</b>	83%	17%	100%

Notes:

1. In this analysis, this refers to areas within the 100-year flood plain, steep slopes greater than 15%, critical and water quality transition zones, and the proposed headwaters in the eastern portion of the ETJ.
2. Some of the Centers and Corridors are simply general circles on the Growth Concept map, and will be further delineated as they are developed or changed through additional planning.

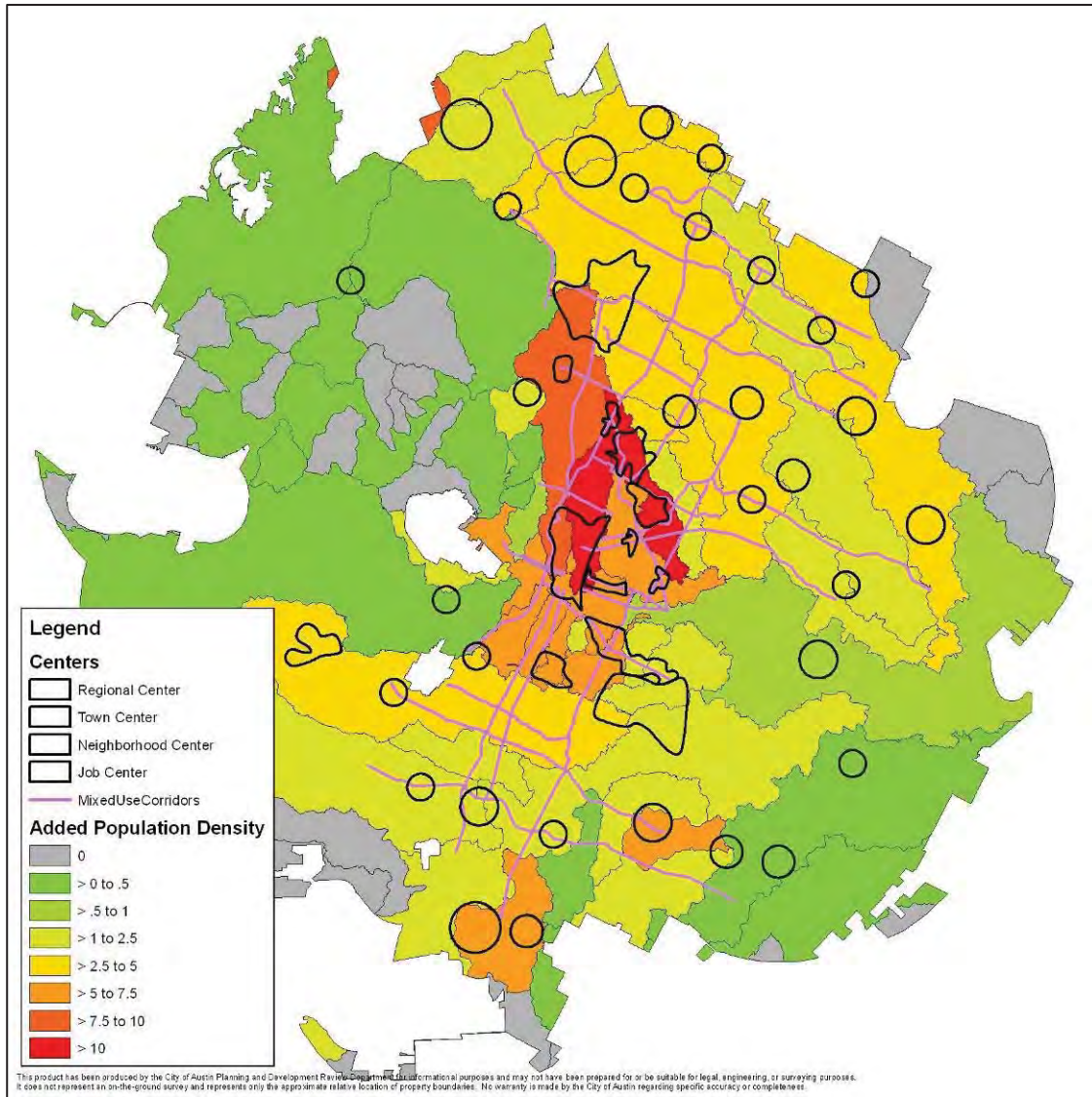
# Watershed Environmental Integrity Index Scores And Growth Concept



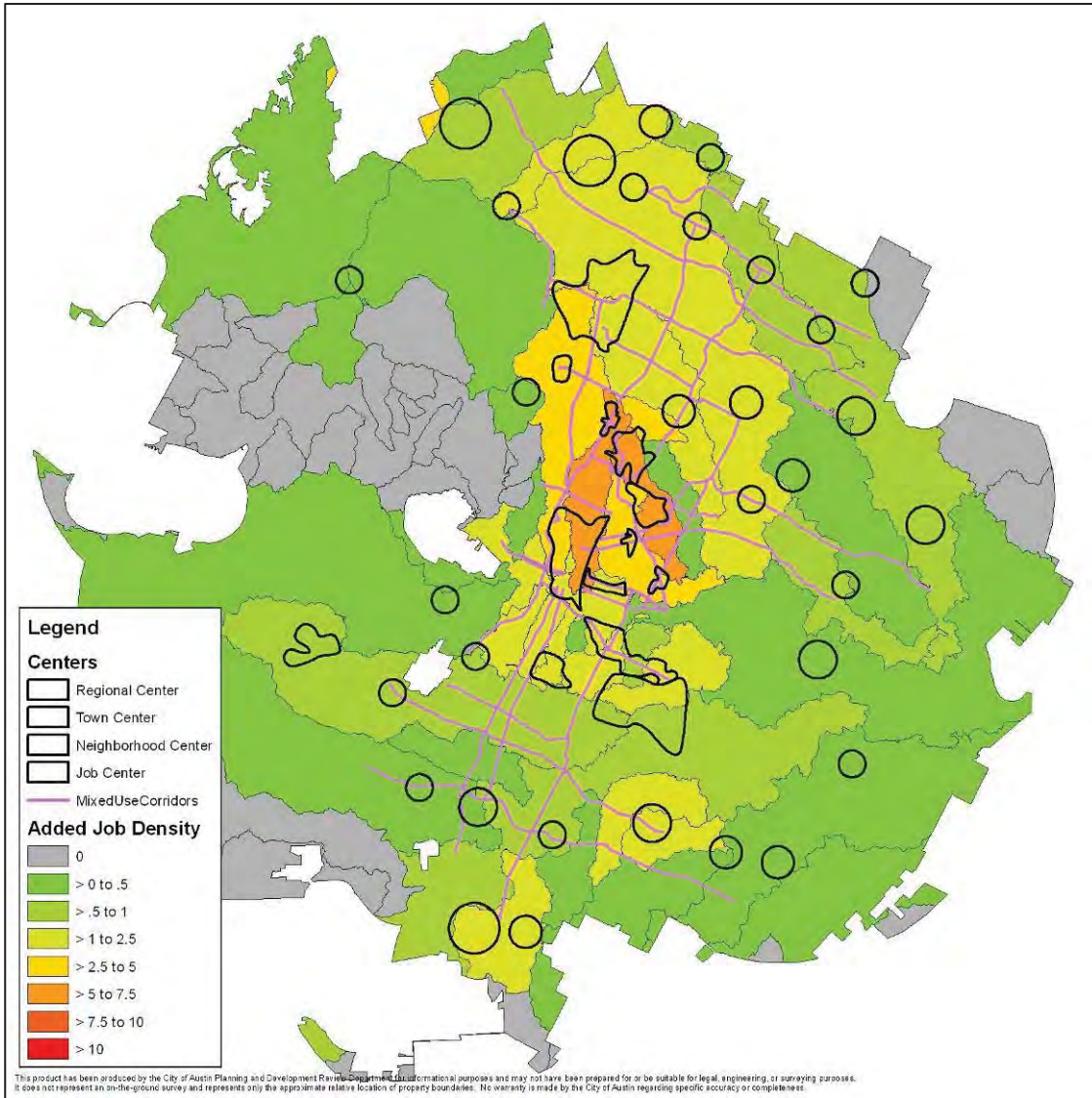
This is the best descriptor of overall environmental condition for the sampling reach. Index scores are an integer between 0 and 100 with the scores classified as such: Excellent 88-100, Very Good 76-87, Good 63-75, Fair 51-62, Marginal 38-50 Poor 26-37, Bad 13-25, Very Bad 0-12. Problem Scores are an integer between 1 and 100 with 1 being "No Problem" and 100 being a highest priority. Resources: EII Methodology, Problem Score Methodology, Lake Index Methodology is in draft and is forthcoming.

## Growth Concept

# Added Population Density with Preferred Scenario by Watershed Zones

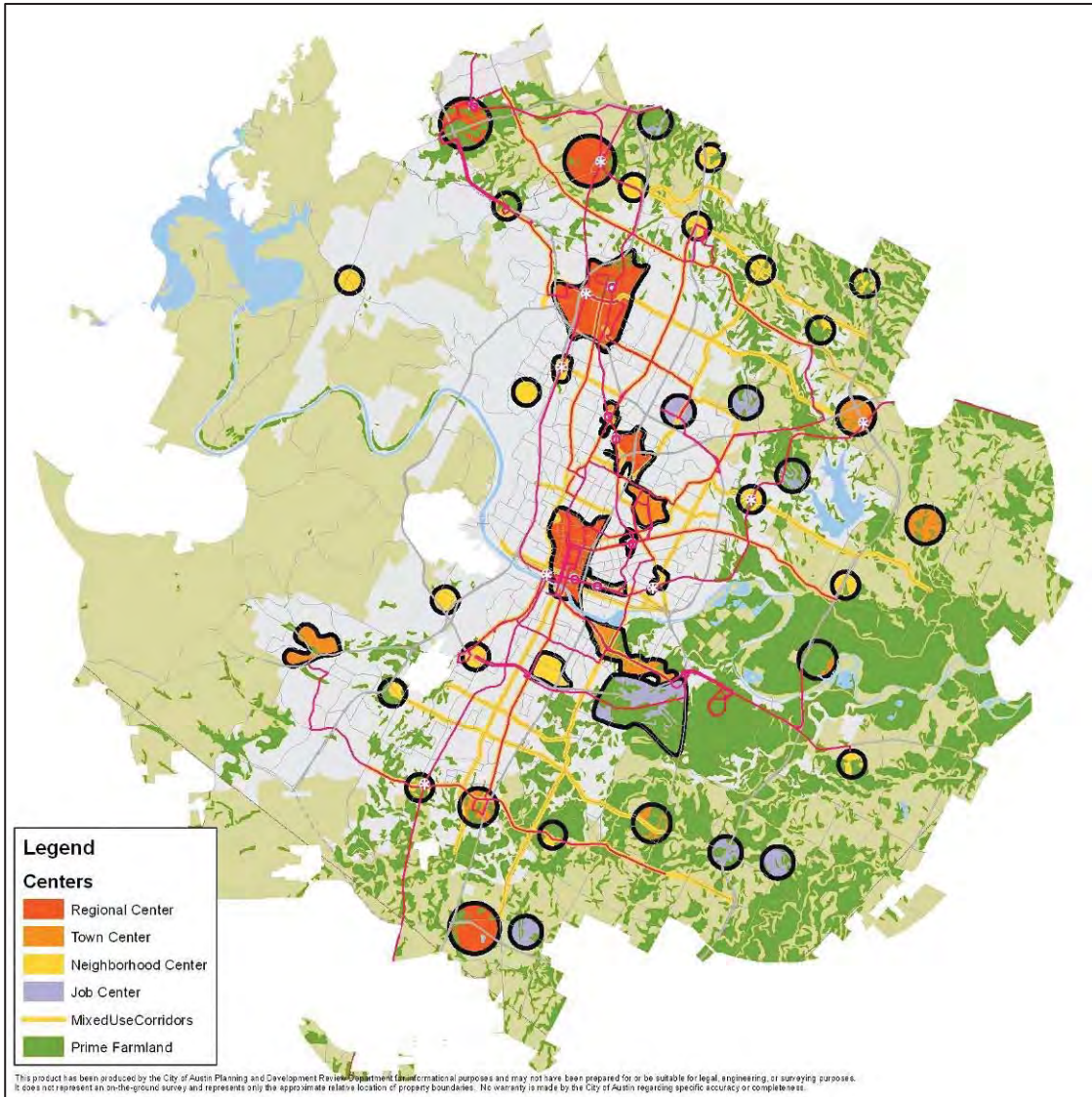


# Added Jobs Density with Preferred Scenario by Watershed Zones



## Preferred Scenario/Growth Concept

# Prime Farmland and Growth Concept



	Acres	
	Centers	Corridors
<b>All areas prime farmland</b>	7,807	22,409
<b>Not in prime farmland</b>	5,241	25,051
<b>Grand Total</b>	30,216	30,292

Sources: USDA, City of Austin

This data consists of general soil association units. It was developed by the National Cooperative Soil Survey and supersedes the State Soil Geographic (STATSGO) data set published in 1994. It consists of a broad based inventory of soils and nonsoil areas that occur in a repeatable pattern on the landscape and that can be cartographically shown at the scale mapped. The data set was created by generalizing more detailed soil survey maps. Where more detailed soil survey maps were not available, data on geology, topography, vegetation, and climate were assembled, together with Land Remote Sensing Satellite (LANDSAT) images. Soils of like areas were studied, and the probable classification and extent of the soils were determined.

This data is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. When data from the Digital General Soil Map of U.S. are overlaid with other data layers, caution must be used in generating statistics on the co-occurrence of the land use data with the soil data. The composition of the soil map unit can be characterized independently for the land use and for the soil component, but there are no data on their joint occurrence at a more detailed level. Analysis of the overlaid data should be on a map polygon basis.



# Dwellings Soil Suitability and Growth Concept



	Acres	
	Centers	Corridors
<b>Not limited</b>	288	303
<b>Not rated</b>	4,328	5,413
<b>Somewhat limited</b>	5,367	9,419
<b>Very limited</b>	20,233	15,157
<b>Grand Total</b>	30,216	30,292

Sources: USDA, City of Austin

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# Growth Concept