

# Central Business District Tree Inventory City of Austin



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**December 18, 2013**



# Origin of the Central Business District Tree Survey

- Born out of Bowie Street Pecan variance process
- City staff, development community, and citizen stakeholders
- CM approves survey request
- Request for Proposal April 2012
- ArborPro, Inc. selected-survey commences October 2012



# Scope of Work

- Two focal targets:
  - All heritage species trees equal to or greater than 19” diameter
  - All ROW trees
- Public and private property was surveyed
- State property excluded





# Heritage Species Survey Preliminary Results

- Heritage Trees (1040) (+/-6%)
  - Predominant Species (2)
  - Below Fair Health (250)
  - Private 60 %
  - Public 40 %
- Near Future Heritage Trees  
(960) (+/-6%)

# Heritage Species Survey Preliminary Results

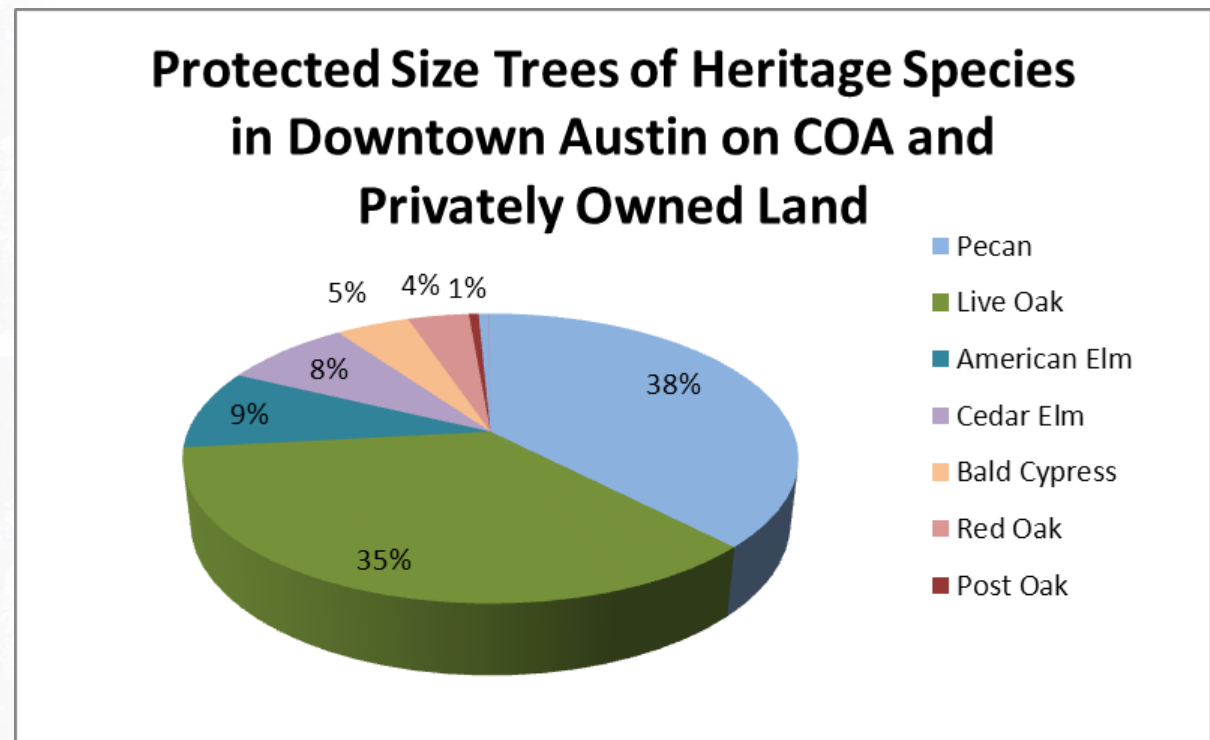
Species	Count
Pecan	754
Live Oak	711
American Elm	178
Cedar Elm	160
Bald Cypress	93
Red Oak	77
Post Oak	12
Durand Oak	9
Texas Ash	3
Bur Oak	2
Chinquapin Oak	1

**Table 1: Protected  
Size Tree Species  
Composition  
Downtown**

Location	Count
COA Property	58
COA Park	419
COA ROW	461
Private	1062
Total	2000

**Table 2: Locations of  
Protected Size Trees  
Downtown**

# Heritage Species Survey Preliminary Results



**Figure 1: Two species comprise ~75% of all heritage trees.**





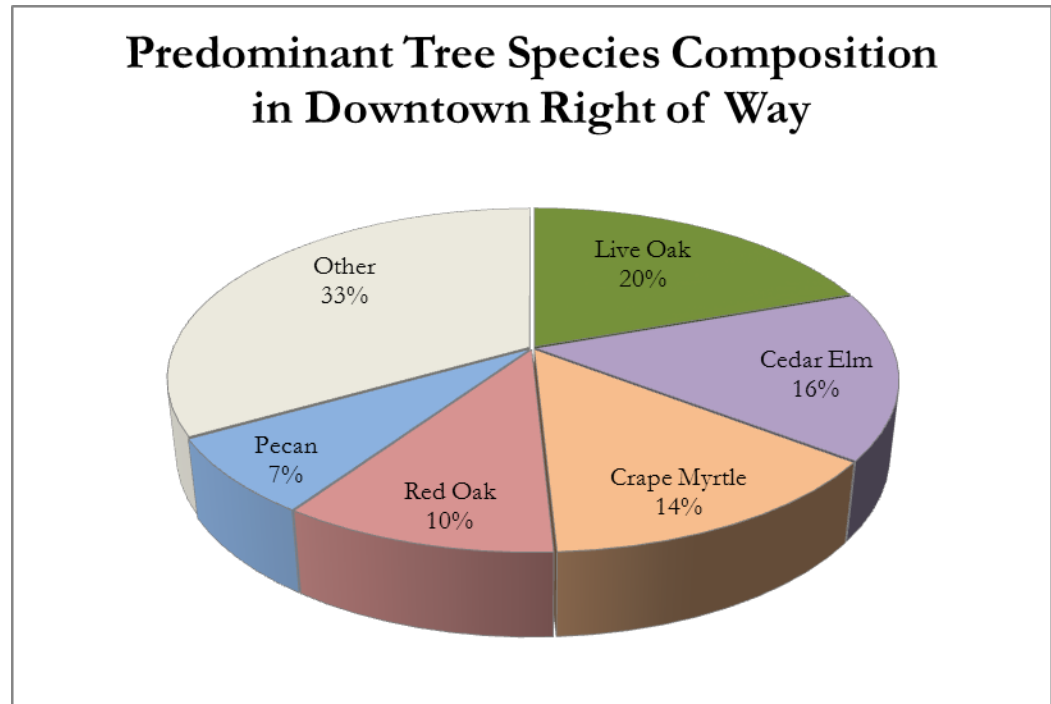
# ROW Trees

## Preliminary Results

- Right of Way (4400) (+/-6%)
  - Species (100)
  - Below Fair Health (600)
  - Vacancies (1200)

# ROW Trees

## Preliminary Results

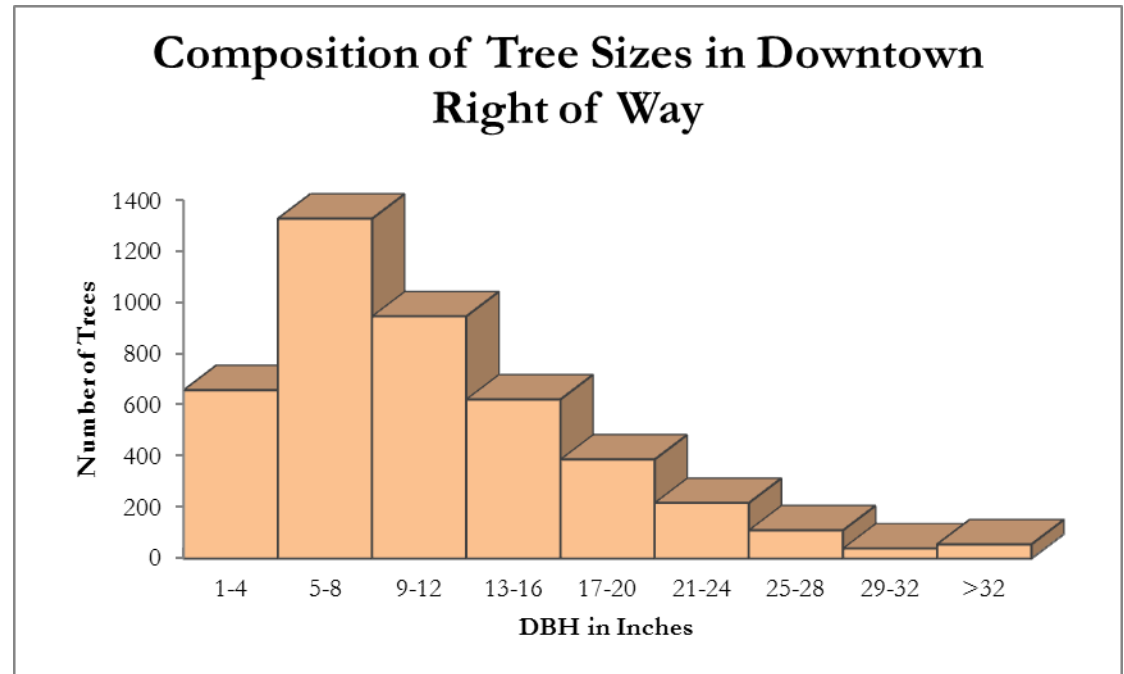


**Figure 2: Five species comprise two-thirds of all trees in the right of way. Four of these species are native and eligible for heritage status.**



# ROW Trees

## Preliminary Results



**Figure 2: A histogram of the diameters of downtown right of way trees. Over half the individuals are less than 10 inches in diameter.**

# 2010 Canopy Coverage of Central Business District



Miles



Symbol	Description	Acres	% Canopy Coverage
	Canopy Coverage	151	-
	Central Business District	1073	14
<b>Neighborhood</b>			
	Core/Waterfront	295	4
	Judge's Hill	59	39
	Lower Shoal Creek	75	6
	Market/Lamar	37	12
	Northeast	45	20
	Northwest	147	23
	Rainey Street	37	21
	Town Lake	47	34
	Uptown/Capitol	185	10
	Waller Creek	148	14

Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013



# Thank You



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