

Agenda Report

DATE: April 27, 2009

TO: CITY COUNCIL

FROM: CITY MANAGER

SUBJECT: UPDATE ON THE WORKPLAN AND TIMELINE FOR REVIEW OF ALL STREETSCAPE AND SPECIFIC PLANS ON MAJOR STREETS THAT HAVE AT LEAST SOME COMMERCIAL STORE FRONT/OFFICE ACTIVITY, WITH PARTICULAR ATTENTION TO THE CITY'S THREE BUSINESS DISTRICTS, THE ENTIRE LENGTH OF COLORADO BOULEVARD, AND THE ENTIRE LENGTH OF LAKE AVENUE, FOR CONSISTENCY WITH THE MASTER STREET TREE PLAN AND CITY ENVIRONMENTAL PLANS

RECOMMENDATION:

This item is presented for information only.

URBAN FORESTRY ADVISORY COMMITTEE REVIEW:

At their special meeting of April 20, 2009, the Urban Forestry Advisory Committee (UFAC) reviewed an analysis of the tree species for Pasadena's Streetscape Plans attached as Attachment B. In this review, the UFAC indicated that they needed more time to analyze the data and consider the current recommended species found in each of the specific plans. They felt that they needed at least one evening for the review of each of the streetscape plans. UFAC understands that the City Council is considering this information on Monday evening, and indicated that if a decision was necessary prior to investing the time to complete the more detailed review, that the City Council should make the decision without the input of the UFAC.

BACKGROUND:

On March 23, 2009, the City Council directed staff to suspend all tree planting projects in areas that are guided by specific plans while staff conducts a review of the specific plans for consistency with the Master Street Tree Plan and City Environmental Plans. Specifically affected by this planting suspension are the major streets (about 20-25) that have at least some commercial storefront/office activity, with particular attention to the

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City's three Business Districts, the entire length of Colorado Boulevard, and the entire length of Lake Avenue.

Staff developed a document to conduct a preliminary review of the species identified in the specific plan areas for consistency with the Master Street Tree Plan (MSTP) and the City's Urban Environmental Accord Action Items. This review is attached as Attachment A.

Staff prepared another document that evaluates and scores various criteria of the tree species for conformance with the goals of the Urban Accords and other relevant criteria. This document further analyzed the species through a rating system that considers in more detail the growth characteristics of the tree and suitability for the climate conditions in Southern California. The evaluation provides a guideline for determining which trees would be more or less suitable as an urban street tree in Southern California. With a total possible score of 102, any tree with a rating of less than 50 is not a suitable street tree. Trees with a rating above 50 are a viable option with those trees with the highest score providing a higher level of benefit to the urban environment. Those trees with a rating in the 70 to 90 range are more beneficial and better suited than those in the 50 to 69 range. This table provides a format for review of any street tree proposed for the city and utilizes criteria incorporating the impact on infrastructure, benefit and impact on the environment, as well as the conservation and utilization of resources.

This review was provided to UFAC on April 20, 2009, and is attached as Attachment B. The information provided in Attachment B is based on information and formats gathered from sources including the Center for Urban Forestry Research at UC Davis, the USDA Forest Service, and other sources as cited in the footnote section.

Streetscape Review Workplan

The City Council further requested that staff return with a scope of work, a schedule for review, and target dates for approval by the City Council. After meeting with UFAC and hearing their comments on the staff evaluation of tree species in the specific plan areas, any review of the tree species in the business districts will include a full review of specific plans and the Master Street Tree Plan with focus on trees that are not consistent with the City of Pasadena's environmental documents, value placed on species diversity, and growth of the urban canopy.

UFAC has recommended reviewing each streetscape plan individually with impacted stakeholders. The process will occur over the next seven to nine months. These meetings will encourage participation from the affected business owners, residents and any other interested parties. City Council had asked staff to look at using outside consultants for the review and selection of trees as part of the review. There are three certified arborists on staff qualified to review the streetscape plans. There is also concern about the cost of retaining a consultant during a time when budget cuts are occurring within the Forestry Division.

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It is anticipated that the review will result in recommendations for changes to the MSTP as well as having the potential for changes to one or more of the streetscape plans. Amendments to these plans will require further review by the Design Commission and the Planning Commission that could be done incrementally. This would likely involve review by Design and Planning Commissions beginning in September 2009 and continuing through to May 2010. The amendments could be presented to City Council for final review and approval within 30 days once a decision has been reached by both Commissions on each plan.

FISCAL IMPACTS:

It is anticipated that the cost of hiring a consultant will be at least \$100,000. If directed by City Council, the next step would be to develop an RFP and solicitation of a consultant.

Respectfully Submitted,

MICHAEL J. BECK

Prepared by:

Kathleen A. Woods, Administrator Parks & Natural Resources

Approved by:

Martin Pastucha, Director Department of Public Works

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Exhibit A Business District Consistency Plan

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Exhibit A

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Exhibit B Review and Analysis of Tree Species in Specific Plan Areas

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	Colorado	Washingtonia robusta	Mexican Fan Palm	PEL	-	-	m	-	-		2	-	-	-	-	55.00
	Garfield	Magnolia grandiflora	Southern Magnolia	BEL	+	2	-	0			e	2	2	2	2	57.00
	Holly	Ouercus engelmannii	Mesa Oak	BDL	2	2	m	0		1	2	e	r,	3	m	91.00
	Holly	Calocedrus decurrens	Incense Cedar	CEL	2 *	2	1	e	3	1	N	e	e	e	e	71.00
	Green	Ficus microcarpa	Indian Laurel Fig	BEL	2	8	-	-	-	-	2	e	2	5	2	57.00
	Euclid	Ficus microcarpa	Indian Laurel Fig	BEL	2	3	1	1	1	1	2	3	2	2	2	57.00
East Colorado																
	Colorado (Catalina - Sycamore)	Washingtonia robusta	Mexican Fan Palm	PEL	-	-	m	-			2		-	-	-	55.00
	Colorado (Sierra Madre - Sycamore) Pistacia chinensis) Pistacia chinensis	Chinese Pistache	BDM	e	7	m	N		2	m	N	2	2	N	84.00
		Koelreuteria bipinnata	Chinese Flame Tree	BDM	+ +	2	m	CV (2		m d		7	~ ~	~ ,	68.00
	Colorado (Catalina - Sierra Madre)			BUM BILM		N		0			n a		- (- 0	- (01.00
Fact Decedary	Allen	Quercus agritolia	LOAST LIVE UAK	BEL		2	n	0	3		N	5		7	7	86.00
East rasadena	Ciorra Madra Villa Dr	Monolio anndifican	Couthorn Magnelia		*	0	ŀ	6			C	C	•	c	c	51 00
	Sicila Madie VIIIa UI					v (- 0	70		- 0	0	v ,	v •	-	v	00.16
	Alerta Madre BIVO				,	N	N		N				- 0		- 0	62.00
	Altaderia See Cohrief	Quercus SP Eriobatano defiano	Dak SP Bronzo Locuot		+		<u>, n</u> c				N		7 7	n -	7 7	00.18
				8EV		N	N	. ,		2	N		- ,	-†,	-	00.60
	Kosemead	Liquidambar styraciriua RAmerican Sweet Gum	KAmerican sweet Gum				N	- 1			ρ			- '	- (47.00
	Footnil	Quercus SP		BEL	2	2	m	m					m	~ i	т Г	91.00
	wainut	Melaleuca quinquenervia	Cajeput Iree	BEM	2 *	2	<u>ю</u>	2	-	- ·		N			N	73.00
	Haistead	Magnolia granditiora	Southern Magnolia	IBEL		2	-	e			5	N	N	~	N	57.00

				Footnoted and Analy	and Analysis of Trae Species in Specific Plan Areas	ocies in Sp	ecific Plan A	see.	٩	+	5		-		×		
			Wei		2 201 201	3	د 5	3	3	. 5	» 1	-	3	-	e	-	102
				Dis./Pest Susceptibi Tree ity	Pasadena' Il s Result May Differ	Degree of litter	Water P Needs	Pruning E Needs S	Branch Strength	Root Damage Potential E	BVOC <i>⊭</i> Emissions	Aesthetic Value	Micro Climate A Benefit	Air Quality	Eغ	Ę	Total*
West Gateway South Fair Oaks	No Trees Identified Plant Palette									1859 - 235 - 345 - 345 - 345 - 345 - 345 - 345		10				жы. 	1 +- 1 (A + 1)
		Liquidambar styraciflua	Liquidambar styraciflua 'RAmerican Sweet Gum	BDL	*	F	2	F	-	-	-	e	3	-	1	1	47.00
		Pinus canariensis	Canary Island Pine	CEL		-	e	2	2	2	2	-	3	ო	e	e	77.00
		Platanus racemosa	Western Sycamore		*	~ ~	~ ~	0	~ ~		~ ~	~ ~	~ c		е с	с с	76.00
		Quercus engelmanni	Mesa Uak	_					200	7 0		NC	n 0	。	<u>າ</u> ຕ	n a	91.00 86.00
		Washingtonia filifera	Colifornia Fan Palm	DEL	*	- 1	ve	2-10	- 0	0 00	-	vic	c	- r	·	-	55.00
	Alternate	Albizia iulibrissin	Silk Tree			- ~	00	- ~	- ~	0 0	• • •		-	-		-	65.00
		Bauhinia variegata	Purple Orchid Tree	BDS	2	-	e	2	2	e	2	e	-	1	-	-	68.00
		Bauhinia x blakeana	Hong Kong Orchid Tree	BDS	~	-	e	2	2	e	2	e	-	-	-	-	68.00
		Prunus cerasifera	Purple-leaf Plum	BDS	-	2	2	-	-	в	ო	2	-	-		-	55.00
North Lake																	
		Platanus racemosa	Western Sycamore		*	~ ~	~ ~	~ ~	~ ~	с с	~ ~		~ C	m (m c		81.00
Foir Oaka Oreana		Quercus agritolia	LOAST LIVE UAK	BEL		7	<u></u>	0	C.	n	-	7	2	n	r	S	00.00
rair oaks -Orarige	Grove Teair Oaks North of Orange Griffolia	Muercus adrifolia	Coast Live Oak	BEI		6	c	6	c	c	•	0	c	e	c	c	86.00
	Lair Oake South of Orange Grill agentinemia indica	el saestroemis indice	Coast Live Can		*	10	00	- -		- e	- 9	1 0	- r	» -) -	, 	67.00
	Alternate subject to approval by LEAC	al hv LIFAC	Cidhe riyi tie	200		7		-	4		, ,	, 	-	-	-	-	
		Cercis canadensis + cvs	Eastern Redbud	BDS		2	m	2	5	m	m	e	-	-	-	-	67.00
		Cercis canaderious + Cro		BDS BDS		10	o e	10	1) (°.) (°.	-	• •		-	67.00
		Platanus racemosa	Western Svcamore			101	0 0	1 01	5	0 0	0		. 6	· m	3	e	76.00
		Arbutus unedo	Strawberry Tree	BES	2	-	0	e C	2	e	m	2	-	-	-	-	66.00
	Orange Grove																
		Quercus agrifolia	Coast Live Oak	BEL		2	3	3	3	3	-	2	3	З	3	3	86.00
Footnotes																	
a. 1 = pest/disease s	a. 1 = pest/disease sensitive, 2 = resistant, 3 = free from pests/disease (Gilman et al. 1996; Reimer 1997) * = Has a pe	om pests/disease (Gilman e	t al. 1996; Reimer 1997) * =		est history in Pasadena												
b. 1 = severe (fleshy	b. 1 = severe (fleshy leaves or pods that might cause a pedestrian hazard), 2 = significant, 3 = insignificant (regular ma	a pedestrian hazard), 2 = si	gnificant, 3 = insignificant (re		aintenance required) (Reimer 199	(Reimer 1997; Gilman et al. 1996	al. 1996)									
c. 1 = high water net	ed, 2 = moderate water need, 3 =	low water need (UC Coope	rative Extension 2000)														
d. 1 = needs pruning	d. 1 = needs pruning more frequently than 5 year cycle, 2 = regular truning 5 year cycle, 3 = less trequent than 5 year	e, 2 = regular pruning 5 year	r cycle, 3 = less trequent than	ı 5 year													
e. 1 = weak, 2 = med	= weak, 2 = medium, 3 = strong (Gilman et al. 1996; Heimer 1997)	96; Heimer 1997)							00 00								
$r_{1} = r_{1}g_{1}$, $z = r_{1}g_{1}$	1. = 11/941, 2 = 111/9411, 3 = 100 / Prentier 1 = 1999) 1 1 = 10/04 - 2 = 111/9411, 2 = 140 / 3 < 1 = 0/1640 / Baniamin ed al = 1908. Oxone formina notential) Pollen and other nationalates nut in to the air	r (Reniamin et al 1008 020	ne forming notential) Pollan	and other particul	ates nut in to	the air											
4. 1 - not shown 2.	- one showy characteristic (Fall (Color or Elowers) 3 - two or	more showy characteristics	(Fall Color and flowers)	owers) (Beim	er 1997. Gi	(Beimer 1997: Gilman et al. 1996)	1961									
ii. $1 = low 2 = mediu$	1 = Inv 3 medium 3 = high How treasmisting (n an obtoing 1 moving), or the optimized median the air temperature (the control of the contro	climate hy providing shade.	Inverting the air temperature	through transpir		providing a	wind break.	1000									
i. $1 = low$. $2 = mediu$	1 = low. 2 = medium. 3 = high Positive benefits of oxygen that trees produce.	xvgen that trees produce.	D	D	7	0											
k. $1 = low, 2 = medic$	= low, 2 = medium, 3 = high able to take up storm water quickly	n water quickly.															
 1 = low, 2 = mediu. 	1 = low, 2 = medium, 3 = high Carbon stored in the bio mass of the Iree.	bio mass of the tree.															
 Ratings: Highest 	Ratings: Highest possible rating = 102; Mid range subject to review = 75 to 50; Rejected rating = less than 50	subject to review = 75 to 50;	Rejected rating = less than 5	0													
Heterences	Heterences	Moiala and N D Moraca	1006 Couthorn Trace and	Ed. I Iniversity of Elerida		Goinevillo El											
Baimar 1007 Sal	Beimer 1 1007 SelectTee: A Tree Selection System University of Celifornia San Lie Obison CA	I Iniversity of California Sa	n Luis Obisno, CA														
LIC Connerative Exte	riter, o. 1397. Selectrice: A rice Selection System: University of Campering and California. Sam call Solitonia Connecative Extension 2000 Estimation Inrication Water Needs of Landscare Plantings in California. California De	. University of Camolinia. Ca Water Needs of Landscan	e Plantings in California. Cali	1	of Water Resources and U.S. Bureau of Reclamation	s and U.S.	Bureau of Re	aclamation	Sacramento	0. CA							
Tree Types:		Canopy Size:															
BDL	Broadleaf Deciduous Large	40-60 Feet															
BDM	Broadleaf Deciduous Medium	20-40 Feet															
BDS	Broadleaf Deciduous Small	up to 20 Feet															
CEL	Conifer Evergreen Large	25-40 Feet															
CEM	Conifer Evergreen Medium	15-25 feet															
CES	Conifer Evergreen Small	up to 15 Feet															
BEL	Broadleaf Evergreen Large	40-60 Feet															
BEM	Broadleaf Evergreen Medium	20-40 Feet															
BES	Broadleaf Evergreen Small	un to 20 Feet															
PEL	Palm Evergreen Large	75 Feet and up															
PEM	Palm Evergreen Medium	25-75 Feet													l		
PES	Palm Evergreen Small	up to 25 Feet															

Exhibit B Trae Sherice