

CAMP Meeting Sidewalks and Street Trees

March 27, 2019

Presented by Debbie Bell, Management Analyst

Sidewalks and Street Trees

Agenda



1. Staff Presentation
2. CAMP Q/A to Staff
3. Public Comment
4. CAMP Discussion/Action
5. Staff Summarize Next Steps

Community Asset Management Program Committee (CAMP)



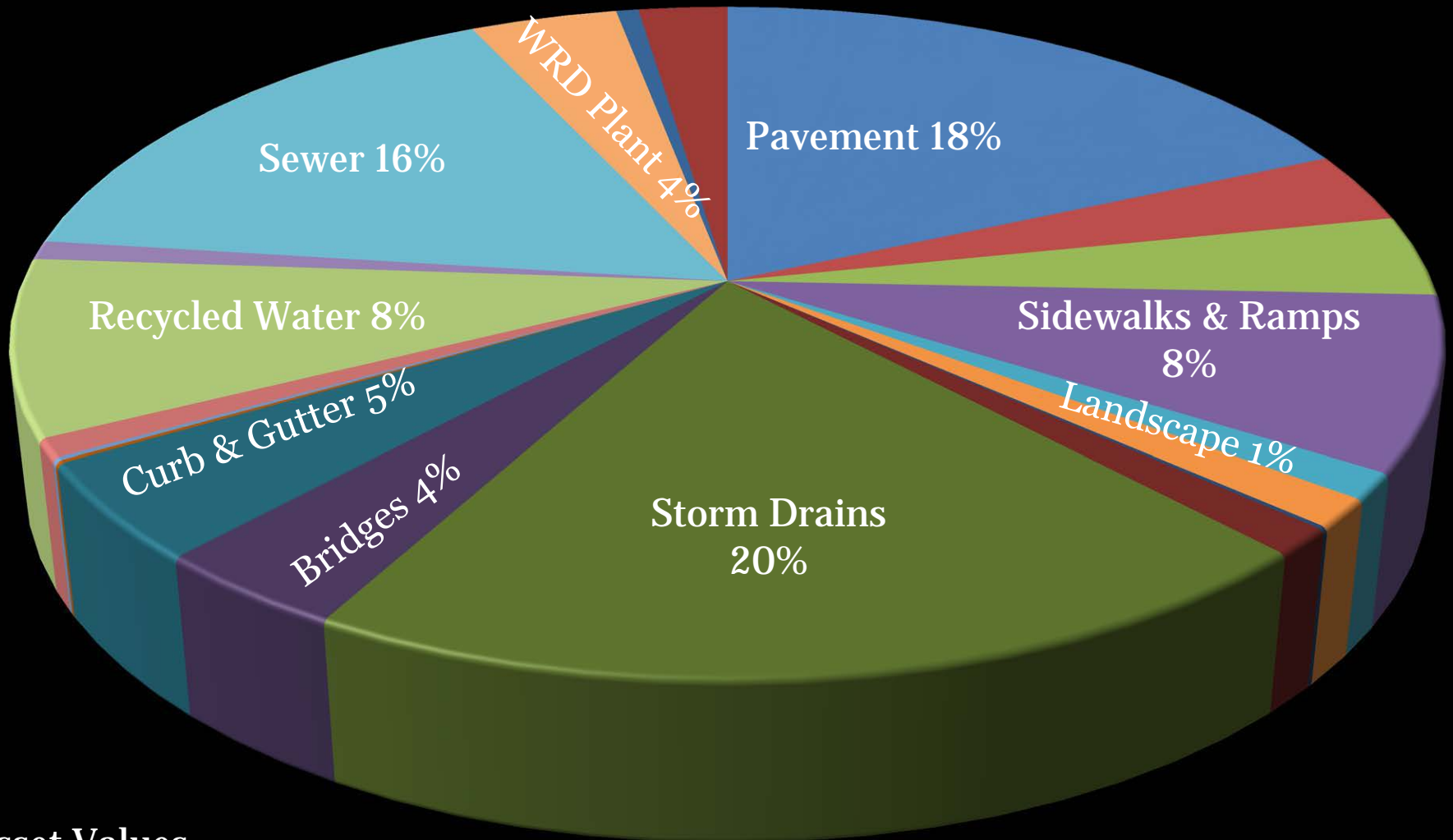
Asset Management Program

2019-2021 Council Priority

To ensure that our community continues to receive vital services through a sustainable infrastructure strategy

Asset Management Program

- Over \$3 Billion in Assets
- Need \$40 million/year for full level of service



Asset Values

Asset Management Program



- **\$600+ million backlog** in 30 years
- Over 25% of the City's assets will be failed

Asset Management Program



Asset Management Options:

- More efficient materials, practices and procedures
- Lowering service level expectations
- Shifting responsibility for certain assets
- Increasing revenue

Sidewalks and Street Trees

Council's Past Action and Direction

Past Action: eliminated inefficient sidewalk subsidy program (reduced expenditures \$1.5M/year)

June 2018 Council Direction: simplify process to remove street tree causing sidewalk defect AND clarify liability for sidewalk defects

November 2018 Council Direction: Clarify details of the proposed ordinances AND conduct additional public outreach

Sidewalks

Current Policy/Practice



1941 – California Streets & Highways Code requires adjacent property owners to maintain sidewalks

Livermore has always required the adjacent property owner maintain sidewalks

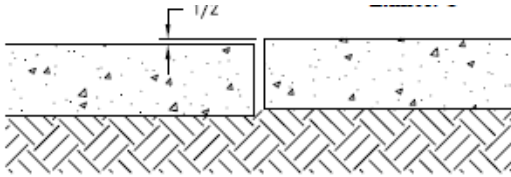
Sidewalks

Proposed Ordinance

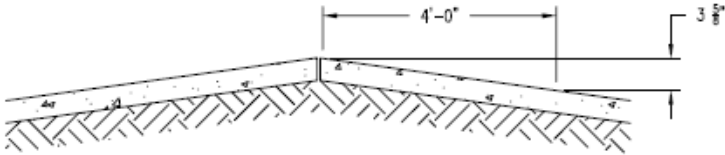
- Adjacent property owner responsible for sidewalk maintenance and liability adjacent to front and side yard
- City to maintain sidewalk adjacent to City property, along backing lots, and at pedestrian access ramps and medians

Sidewalks

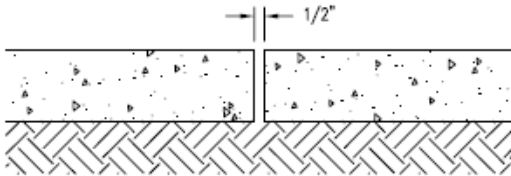
Sidewalk Repair Criteria



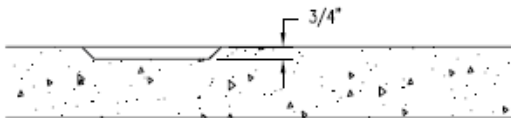
STEP SEPARATIONS A sidewalk panel has been lifted or subsided by $1/2''$ or more than the adjacent panel.



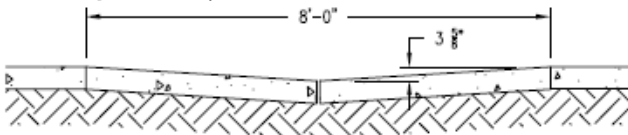
TRANSVERSE GRADE CHANGE Two sidewalk panels have been lifted to a peak, where the peak is $3\ 5/8''$ (7.5%) or higher than the normal grade of the sidewalk 4' away in each direction.



OPENING IN SIDEWALK There is an opening in the sidewalk measuring $1/2''$ or greater.



SPALLING OF SURFACE A portion of the sidewalk has been removed, and the result is a hole of $3/4''$ or deeper.



SUNKEN SIDEWALK The sidewalk has subsided within a stretch of 8 feet of sidewalk while there is a portion that is greater than or equal to $3\ 5/8''$ (7.5%) lower than the rest of the sidewalk.

Repairs needed when defect meets repair criteria (Detail ST-33)

Multiple Repair Methods Allowed

1. Replacement (ST-31)
2. Grinding/Slicing (ST-32)
3. Fillets, fill replacement, and others with approval

Street Trees

Current Policies/Practices

Livermore Municipal Code requires adjacent property owners maintain adjacent street trees

Livermore Municipal Code does not allow removal of street trees causing sidewalk defects

Street Trees

Proposed Ordinance

Retains requirement of adjacent property owners to maintain street trees in front and side yards

Proposed Changes

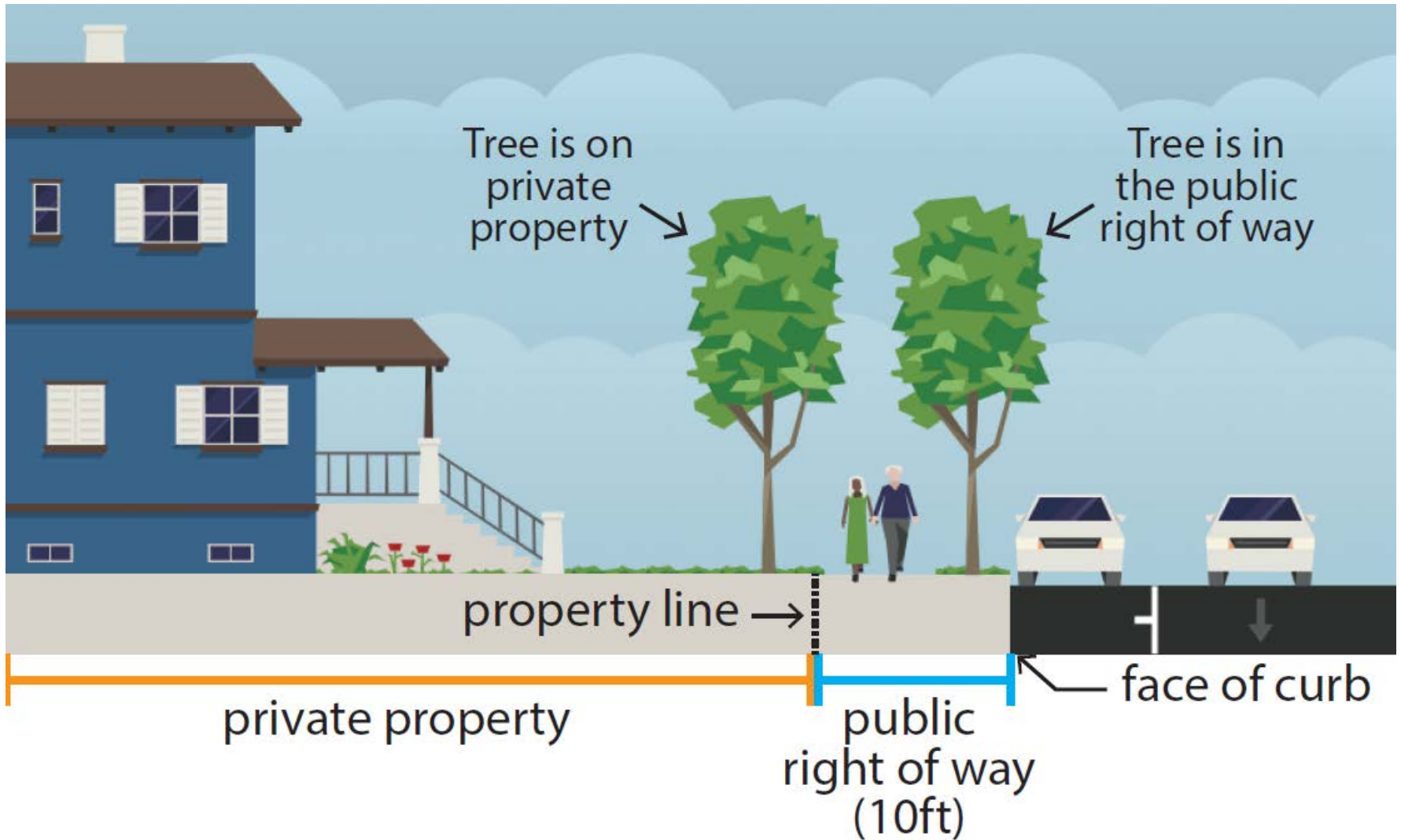
- Defines Street Tree
- Adds ability to remove street tree if causing sidewalk damage unless root pruning or other control measures can help
- Allows City to maintain a street tree that is causing a hazard and charge the property owner if they refuse to complete the work
- Adds replanting requirements
- Adds fines for non-compliance
- Requires new or 50% valuation improved lots to irrigate existing adjacent landscape areas

Street Trees

Proposed Replanting Policy

- Per tree: minimum 15-gallon replacement and \$100 to the Urban Forestry Fund
- If no suitable location to replant:
 1. Other visible location, or
 2. Payment to the Urban Forestry Fund of \$200/tree
- Replacement tree recommendation from City Arborist
- Replant within 120 days of removal
- Four or more street trees referred to Community Development Department

Example: Typical Right-of-Way



Example: Backing lots



Backing lot = area located between the back of curb and property line that is inaccessible to the adjacent property owner.

Major street = rear or side property line
Collector street = rear property line

Sidewalks and Street Trees

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Website: www.Assetmanagement.net

Comments/Questions:
assetmanagement@cityoflivermore.net

Debbie Bell: 925-960-8024

Asset Management Program

FY 2019-2021 Work Program

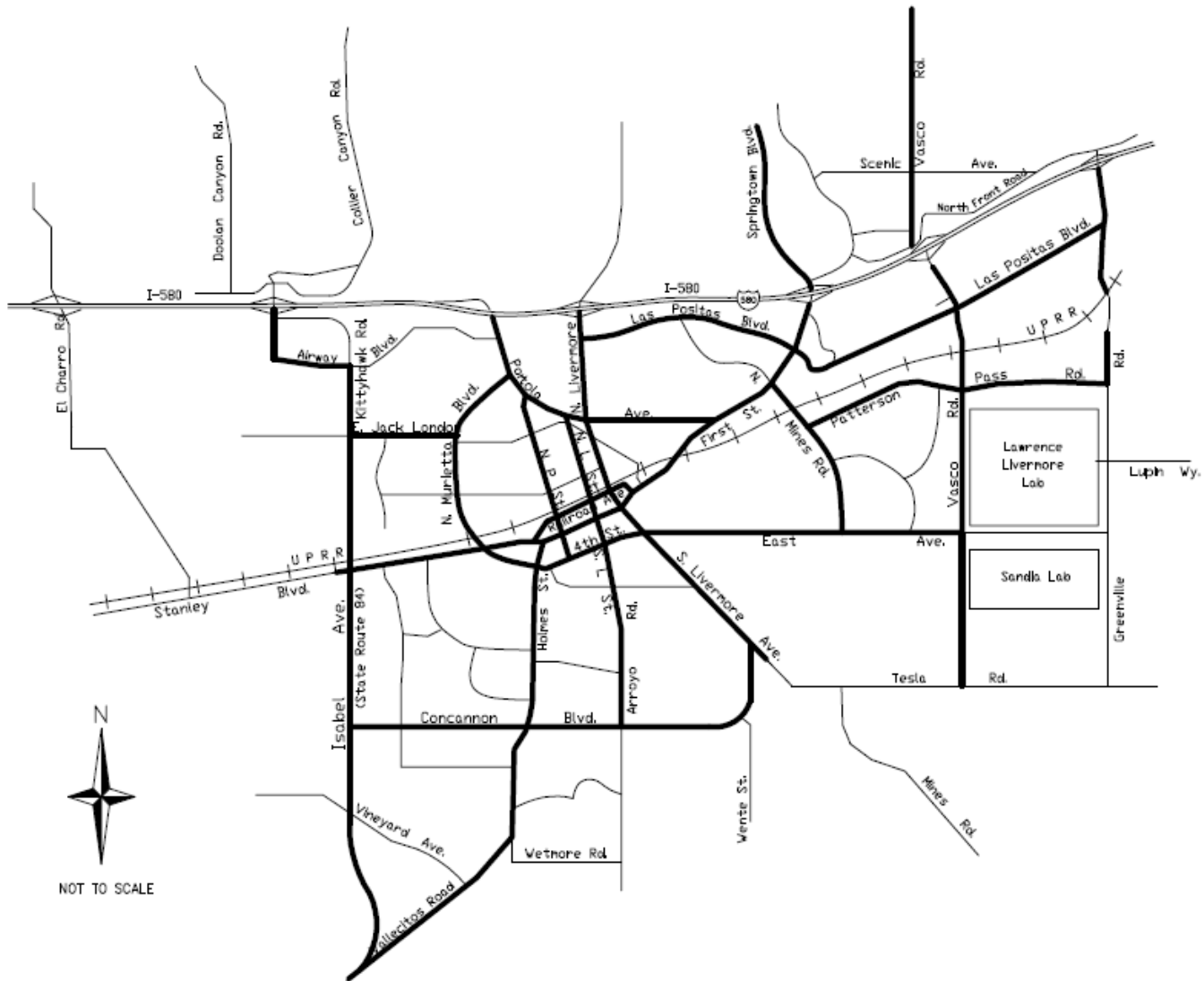
- Asset Management Public Outreach
- Next Asset Classes: walls, storm system
- Technology: Asset Management System & GIS
- Create an Asset Management Fund
- Advocate for Asset Management grants and programs

Sidewalks and Street Trees

Outreach & Next Steps

- Materials available for public for review
 - Direct email to mailing list
 - Dedicated website
 - Social media posts
- Library Event – February 7
- Farmers Market – March 24
- CAMP Public Meeting – March 27
- Future Council Consideration

Major and Collector Streets



LEGEND:

- MAJOR STREET
- COLLECTOR STREET

User note:

These details shall be used in conjunction with all the

Street Trees

Street Tree Standards

- Tree Planting Guide = Standard Detail L-18A-L
- Street Tree Planting Quantities and Clearances = Standard Detail L-3A
- Street Tree Planting = Standard Detail L-3B, C, D,E

Plant Name and Description	Important Character						Cultural Preference						Tolerances						Growth Info		Planting Info			Comments						
	Deciduous	Evergreen	Flowers, Color	Flowering Period	Fruit	Fruiting Period	Fall Color	Sun	Part Shade	Good Drainage	Irrigation	No water after 2 nd year	Alkaline Soils	Boron Tolerant	Sprinklers	Wind	Heat	Poorly Drained Soils	Well Drained/Clay-Loam	Well Drained/Sandy	Turf Areas	Small Planters	Re-claimed Water		Growth Rate	Height in 10 Yrs/ Maturity	Spread in 10 Yrs/Maturity	Minimum Planter Size	Sidewalk Damage Potential	Pruning Frequency
Acacia melanoxylon Black Acacia	X		Y	SP	X	W		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	M	20 30	15 20	7	VH	3	
Acer buergerianum Trident Maple	X						R O	X	X	X	X			X	X	X	X	X	X	X		X		SL	20 30	20 30	3	L	2 10	
Acer campestre "Queen Elizabeth"	X						Y	X	X	X	X			X	X	X	X	X	X	X	X			M	15 10	30 20	4	L	5	
Acer griseum Paperbark Maple	X						R	X	X	X	X			X	X	X		X	X					M F	20 25	10 20	3	L	3 10	
Acer Macrophyllum Big Leaf Maple	X		Y	SP	X		Y	X	X		X							X	X					M	30 75	30 50	7	M		
Acer Negundo Californicum Box Elder	X			SP	X	S	Y	X	X	X		X						X	X					M F	60	50		M		
Acer negundo "sensation" Sensation Box Elder	X		P	SP			O	X	X	X	X			X	X	X	X	X	X	X				M F	15 25	10 20	5	M	5	
Acer platanoides Norway Maple	X						R	X	X	X	X			X		X		X	X			X		M	25 40	15 30	5	M	5	AC
Aesculus hippocastanum Horsechestnut	X		W	SP				X		X				X								X		S	15 25	10 20	5	M	2 5	
Alnus Rhombifolia White Alder	X		Y	SP	X	FA WI S		X	X	X					X	X		X	X					F	50 90	30 50	7	M		

LEGEND						
AC = Avoid Clay Soils	F = Fast	H = High	MT= Multi Trunk	R = Red	SP = Spring	W = White
BL = Blue	FA = Fall	L = Low	O = Orange	S = Summer	U = Unknown	WI= Winter
BR = Brown	FB = Fireblight	M = Moderate	P = Purple	SH= Short Lived	V = Various	Y = Yellow
E = Experimental	FR = Frost Sensitive	MR=Mildew Resistant	Pi = Pink	SL=Slow	VH= Very High	

No. L-18A	TREE PLANTING GUIDE	CITY OF LIVERMORE STANDARD DETAIL
		Dwn: : KY Ckd: Spec Committee Date: May-2013 Scale: None _____ City Engineer