Masonic Avenue Streetscape Improvement Project
Project Area

Masonic Avenue from Fell Street to Geary Blvd.

Courtesy of UC Berkeley
Community Workshop 1
Small Group Conceptual Exercise, Community Priorities

Creating an “Ideal Section”
Community Workshop 2
Presentation of 4 Potential Street Design Options
Community Workshop 2
Survey Results
Options A and C Preferred
Community Workshop 3
Proposals

The Gateway
is a hybrid of Option A with added traffic calming elements

The Boulevard
is a hybrid of Option C with added traffic calming elements
The Boulevard
Section Rendering

No parking, 4 lanes, cycle track, median
The Boulevard
Plan View Rendering

Masonic Ave
Geary and Masonic
Plaza and Public Art Space
Proposed Plaza Design – Plan View
Proposed Plaza Design – Renderings
Proposed Plaza Design – Renderings
Proposed Plaza Design – Renderings
Public Art – “Points of Departure”
Timeline

- June 2010-January 2011 - Planning, Conceptual Design
- 2011-2012 Environmental Review
- September 2012- MTA Board Approval
- 2012-2014 Funding Phase
- Spring 2014 to Winter 2014 Design
- June 26, 2014, Public Meeting Open House
- Spring 2015 to Summer 2015 Bid/Award
- Summer 2015 to Summer 2016 Construction
49 trees proposed for Removal
185 new trees proposed to plant

Net gain 136 trees
Proposed Trees to be Removed

- Trees proposed to be removed because of construction/road alignment
- Trees proposed to be removed because of health/structural issue
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Selection of Trees

**Fraxinus angustifolia 'Raywood'**
**(Raywood Ash)**

- **Size:** Height: 30-40'; Spread: 20'
- **Growth:** Fast
- **Character:** Deciduous; oval and upright; moderate canopy.
- **Foliage:** Dark green, serrated, pinnate leaves, with paired leaflets 1" long. Fall foliage is purple-red; tree is bare November-February.
- **Flower:** Insignificant flowers, rarely seen.
- **Fruit:** Seedless; this variety lacks the winged seeds typical of ashes, and produces little sidewalk litter.
- **Bark:** Smooth, light brown bark.
- **Watering:** In general, 15-20 gallons per week for the first 2 years; 15-20 gallons twice a month for the 3rd year; as needed after 3 years (varies by soil, sun, and wind conditions).
- **Tree Care:** Low. Early pruning to train a good shape; pruning needed less frequently with age.
- **Tolerance:** Drought, any soil, extreme temperatures.
- **Special Considerations:** Prefers sun and performs best in the warmer microclimates. Does not tolerate constant wind or fog.
- **Notable Traits:** Native to South Europe, Western Asia. Fine, delicate-looking tree.

*In San Francisco urban conditions, lower range for height and spread may be expected*

More care info: [www.sfdpw.org/trees](http://www.sfdpw.org/trees)

Source: Friends of the Urban Forest
Lophostemon confertus (formerly Tristania conferta)  
(Brisbane Box)

Size: Height: 30-45'; Spread: 25'
Growth: Moderate to fast
Character: Evergreen; upright, oval form; moderate canopy.
Foliage: Green, glossy, oval leaves 4-6" long. New growth has a slight red tinge.
Flower: Small, white, distinctive, but not showy flowers in clusters 2-4" across, bloom July-August.
Fruit: Hard, brown seed capsules form in fall and persist on tree.
Bark: Mottled, shredding, light brown or reddish bark.
Watering: In general, 15-20 gallons per week for the first 2 years; 15-20 gallons twice a month for the 3rd year; as needed after 3 years (varies by soil, sun, and wind conditions).
Tree Care: Moderate. Early pruning needed to train a good shape; pruning needed less frequently with age.
Tolerance: Drought tolerant (once established), poor drainage, any soil, smog.
Special Considerations: Prefers sun. Does not tolerate strong, steady winds.
Notable Traits: Native to Australia. Low-maintenance street tree well adapted to harsh urban conditions. Disease and pest resistant.

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More care info: www.sfdpw.org/trees
Source: Friends of the Urban Forest
Selection of Trees

*Lyonothamnus floribundus asplenifolius*
*(Fernleaf Catalina Ironwood)*

**Character:** Evergreen; irregular form; moderate canopy.

**Size**: Small to Medium (Height: 20-35'; Spread: 15’).

**Growth Rate:** Moderate.

**Foliage:** Dark green, narrow, deeply lobed leaves, 4-6” long, with fernlike leaflets, glossy above, gray and hairy below.

**Flower/Fruit/Bark:** Tiny white flowers in clusters 4-8” across, bloom June-September, persist year-round. Insignificant fruit. Rough, shredding red-brown bark.

**Monthly Watering Needs:** In general, 15-20 gallons per week for the first 2 years; 15-20 gallons twice a month for the 3rd year; as needed after 3 years (varies by soil, sun, and wind conditions).

**Tree Care:** Moderate. Early pruning needed to train to a good shape; pruning needed less frequently with age. Requires removal of suckers.

**Tolerances:** Drought tolerant (once established), sandy soil, salt air; steady, moderate winds; fog.

**Special Considerations:** Prefers sun or partial shade. Needs excellent drainage and performs best with less wind exposure. Prone to suckering. Chlorosis may develop if planted in heavy soil.

**Notable Traits:** Native to Catalina Island. Good street tree for coastal areas, as long as it has some wind protection.

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Source: Friends of the Urban Forest
Selection of Trees

Columnar Ginkgo
(Ginkgo biloba ‘Princeton Sentry’)

Character: Deciduous; upright, narrowly conical form.
Size: Medium (Height: 40'; Spread: 20').
Growth Rate: Slow.
Foliage: Light green, fan-shaped leaves, 2-3” across. Fall foliage is golden yellow; tree is bare November-March.
Flower/Fruit/Bark: Insignificant flowers in March. All male cultivar; catkin-like pollen sacs, no fruit. Rough, light gray bark.
Monthly watering Needs: In general, 15-20 gallons per week for the first 2 years; 15-20 gallons twice a month for the 3rd year; as needed after 3 years (varies by soil, sun, and wind conditions).
Tree Care: Low. Early light pruning and staking to establish upright central leader. Water and keep staked and protected during first 5-10 years. Minimal pruning needed once properly trained. Keep lower branches on as long as possible for fastest growth.
Tolerances: Drought tolerant (once established), sandy soil, salt air, smog, fog, temperature extremes.
Notable Traits: Native to China, very little native habitat left. Most trees sold at nurseries are male clones. Leaves used in Chinese herbal medicine. Can be used in bonsai.
Source: Friends of the Urban Forest
More care info: www.sfdpw.org/trees
Selection of Trees

**Cassia leptophylla**  
*(Gold Medallion Tree)*

**Size:** Height: 20-25'; Spread: 30'
**Growth:** Fast  
**Character:** Evergreen, may be semi-deciduous; moderately dense, rounded canopy.  
**Foliage:** Dark green, pinnately-compound leaves with 2-3" long leaflets.  
**Flower:** 6-8" long spikes of bright yellow, 3" flowers throughout summer.
May sporadically flower after main flowering.  
**Fruit:** 12" long brown pod.  
**Bark:** Slightly furrowed reddish-brown bark.  
**Watering:** In general, 15-20 gallons per week for the first 2 years; 15-20 gallons twice a month for the 3rd year; as needed after 3 years (varies by soil, sun, and wind conditions).  
**Tree Care:** Moderate. Requires regular pruning to shape when young.  
**Tolerance:** Drought (once established); any soil; medium winds.  
**Special Considerations:** Fruit may cause litter issues  
**Notable Traits:** Native to Brazil. Stunning display of yellow flowers in summer.

*In San Francisco urban conditions, lower range for height and spread may be expected*

More care info: [www.sfdpw.org/trees](http://www.sfdpw.org/trees)  
Source: Friends of the Urban Forest
Selection of Trees

Phoenix dactylifera ‘Zahidi’
(Zahidi Date Palm)

Size: Height: 80'; Spread: 30'
Growth: Slow to Medium
Character: Evergreen, erect palm
Foliage: Holds a spherical crown of stiff waxy grey-green leaves
Flower: Yellow bowl shaped
Fruit: Yellow to reddish brown dates but will not produce edible fruits in our landscape due to the cooler temperatures.
Bark: Slender trunk, scarred with old leaf bases
Watering: Regular, Low once established
Tree Care: Low-Prune spent fronds
Tolerance: Drought (once established); any soil; medium winds.
Notable Traits: True date palm. Not susceptible to fusarium wilt.

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More care info: www.sfdpw.org/trees