



BURTON WAY AND SUNSET MEDIAN INTERIM PLAN

March 9, 2017

Public Works Commission



Overview

- Background
- Interim Plans
- Discussion and Recommendation



Background

- Drought and Long Term Solutions
- Option 1: Maintain the current condition
- Option 2: Restore turf lawn and irrigate using non-potable groundwater on Cabrillo Reservoir



Option 1

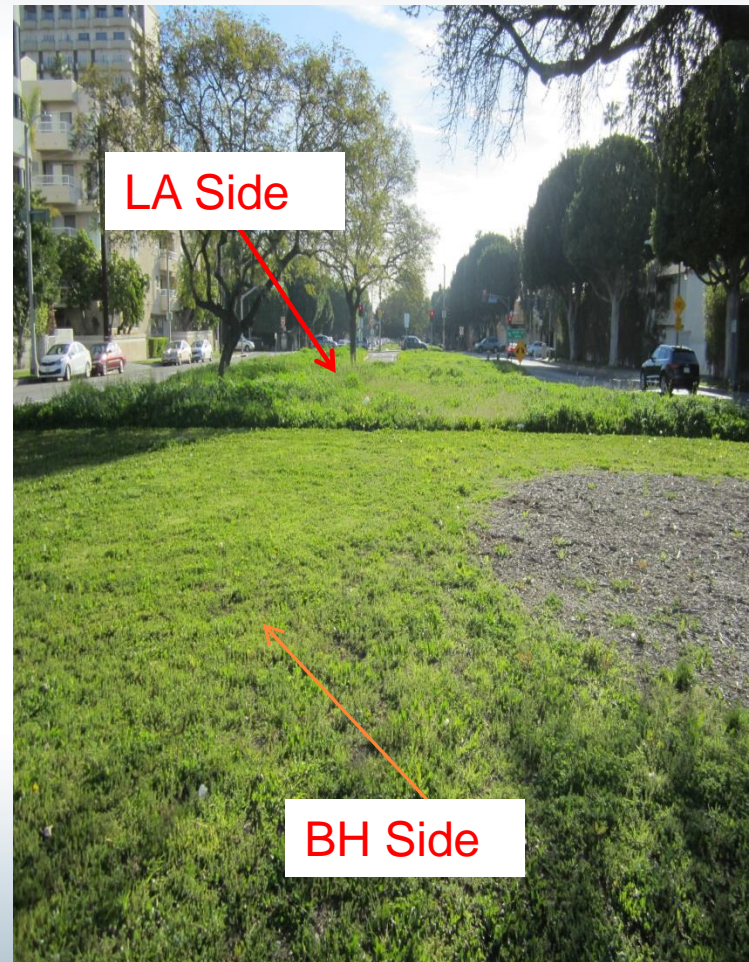
- Maintain the current condition:
 - Weeds
 - Brown and dead on warmer season
 - Weed populated on rainy season
- Current annual maintenance cost: \$34,343.23
 - Turf grass aerating
 - Maintenance (mowing)
 - Fertilization (if turf was existing)
- No additional cost to the City.



Option 1



Median on warmer season



Median on rainy season



Option 2

- Restore ornamental turf and irrigate with non-potable water in Cabrillo Reservoir
- Tasks
 - Weed abatement (1-time)
 - Hydroseeding with warm weather turf (1-time)
 - Water retaining agent: Hydretain
 - Using a watering truck for irrigation
- Cost estimate: \$391,672 for 2-years



Option 2

Table 1: Cost Estimates to Restore Ornamental Turf

Task	Sunset Blvd & Burton Way		Burton Way Only		Sunset Blvd Only	
	Year 1	Year 2	Year 1	Year 2	Year 1	Year 2
1-time Weed Abatement	\$4,748	n/a	\$2,374	n/a	\$2,374	n/a
1-time Hydroseeding	\$28,100	n/a	\$14,050	n/a	\$14,050	n/a
Quarterly Hydretain Application	\$17,172	\$17,172	\$8,586	\$8,586	\$8,586	\$8,586
Watering (Weekly)	\$162,240	\$162,240	\$95,520	\$95,520	\$81,120	\$81,120
TOTAL	\$212,260	\$179,412	\$120,530	\$104,106	\$106,130	\$89,706
	\$391,672		\$224,636		\$195,836	



Option 2

- Watering (weekly)
 - Work to be done at night into early morning.
 - Noticeable noise in route to Cabrillo Reservoir and while filling.
 - Closing one lane (each side of the median)
- Irrigating with Cabrillo groundwater is not a violation
- **Reliability of groundwater at Cabrillo Reservoir**



Option 2

Watering Truck





Option 2

- Watering Task – most expensive
- Alternatives
 - Using potable water = Fine \$500/day + prosecution to the full extent of the law.
 - Purchase of a Watering Truck
 - Overtime Pay
 - Park Services Workers need Class B license



Recommendation & Discussion

- Staff recommends Option 1
- Discussion