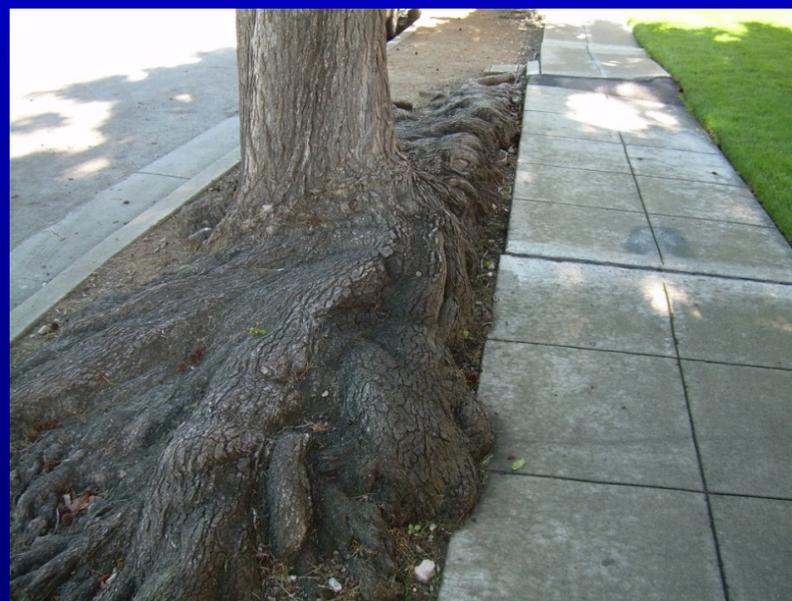
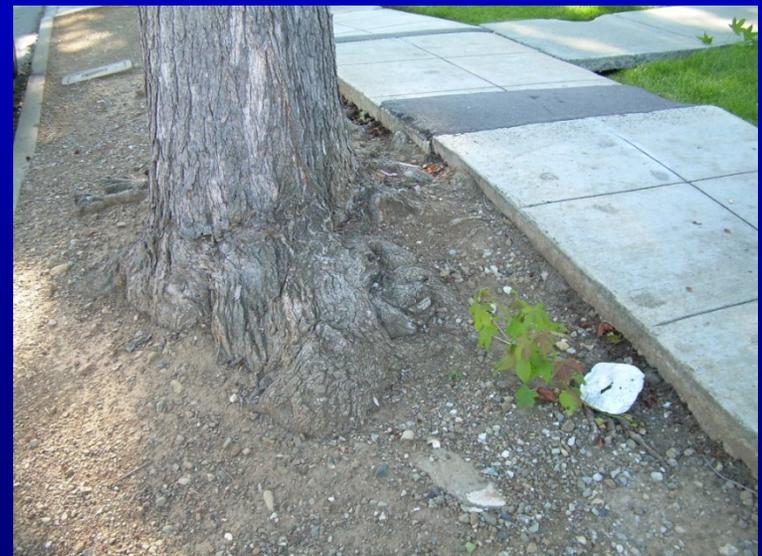


Sidewalk Repair Program



Program Details

- ***Correct Issues/Concerns on Sidewalks and Curb and Gutter***
- ***Operations and Capital Budget***
- ***Majority of Problems Caused by Trees and Roots (repeat locations)***
 - ***Narrow park strips***
 - ***Wrong tree types***
 - ***Repeat locations***
- ***Techniques***
 - ***Root barriers***
 - ***Metal plates***
 - ***Rubberized sidewalks***
 - ***Structural soil***



Approaches

- **Use Different Techniques Depending on Severity**
- **Severity 3**
 - **Raise up to ½” (Grinding)**
- **Severity 2**
 - **From ½” to 1” (Grinding or Ramping)**
 - **If ramped it is added to replacement list**
- **Severity 1**
 - **More than 1” (Ramping and placed on replacement list)**
 - **Anything above 1 ½” moves to the top**
- **5 year waiting list**



Recent Actions Taken

- ***New Sidewalk Standards***
 - *Wider parkstrips*
 - *Larger tree wells*
- ***Tree Species***
 - *Minimize root issues*
- ***Remove Trees***
 - *Developed process to proactively review problem locations*
 - *Balance with urban canopy*
 - *Tree replacements*
 - *Large mature trees*
- ***Funding not keeping up with demand***



Needs Summary

Fiscal Year	Locations Identified	Constructed	Backlog
Starting			1376
09-10	345	910	811
10-11	348	340	819
11-12	792	414	1197
12-13	776	544	1429
13-14	1123	839	1713
14-15	1336	TBD	TBD

□ Notes

- *Line of sight approach in 11-12*
- *Funds being used for ADA issues in 14-15*

Backlog

- ***Backlog of Replacement Locations Continues to Increase***
 - *1376 in 09/10*
 - *1713 in 13/14*
 - *2700 est. by end of 14/15*
 - *Approximately 5 year wait*

- ***More locations identified each year***
 - *Additional calls*
 - *Line of sight approach*



Funding Summary

□ Funding

- Yearly funding is approximately \$500,000 a year
- Funding increased by an additional \$500,000 in 14/15 and 15/16
- General funds
- Have used other funds as well CDBG but they compete with other needs

□ Cost per location

- Varies per location (size, curb and gutter, etc)
- \$1750 average

□ Averaged 1000 new locations a year over the last four years



Funding Summary

- ***Estimated 2700 location backlog by end of fiscal year***
 - ***\$5,000,000 to “catch up”***

- ***Average 1000 new locations***
 - ***\$1,750,000 a year to “keep up”***
 - ***\$1,250,000 more than current budget***
 - ***Numbers higher than approved budget due to increase in locations***
 - ***Does not include funding for tree removals***
 - ***Other costs to preserve trees (plates, structural soil, dowels)***



Options

- ***Reviewed Other Jurisdictions – 3 Alternatives Identified***
 - *City fully funds same as Sunnyvale*
 - *Partial funds – different approaches*
 - *No city funds – adjacent property owner fully responsible*

- ***Sunnyvale Options***
 - *Maintain as is – backlog and waiting period continues to increase*
 - *Increase funding to the program to “catch up” and meet demand*
 - *Modify program - funding from property owners*

- ***Property Owner Funding Options***
 - *Property owner fully responsible*
 - *City could provide partial funds*
 - *Different approach for different land uses*

Sidewalk Repair Program

