

City of San Diego Sidewalk Assessment Update

Infrastructure Committee – September 17, 2014



**TRANSPORTATION
& STORM WATER**

Background & Status

- June 10, 2013: City Council approved a Resolution allocating \$1M for a Sidewalk Condition Assessment.
- July 31, 2013: Project was presented to the Infrastructure Committee.
- December 2013: Hire Engineering Staff.
- January 2014: Configure Software/GPS

Background & Status

(Continued)

- February 10, 2014: Sidewalk Assessment field work begins.
- Sept 5, 2014: 3,100 miles completed.
- *January 2015: Complete field assessment.*
- *February 2015: Present findings to Infrastructure Committee.*

Data Being Collected

- Overall Sidewalk Condition (cracking, faults, subsidence, uplift, and weathering).



Data Being Collected

- Sidewalk tripping hazards (1/2" or greater)



Data Being Collected

- Non-existent sidewalk segments.



Data Being Collected

- Curb Height.



Data Being Collected

- Trees within the right-of-way and tree wells.



Data Being Collected

- Curb Ramps



Deficiencies Identified

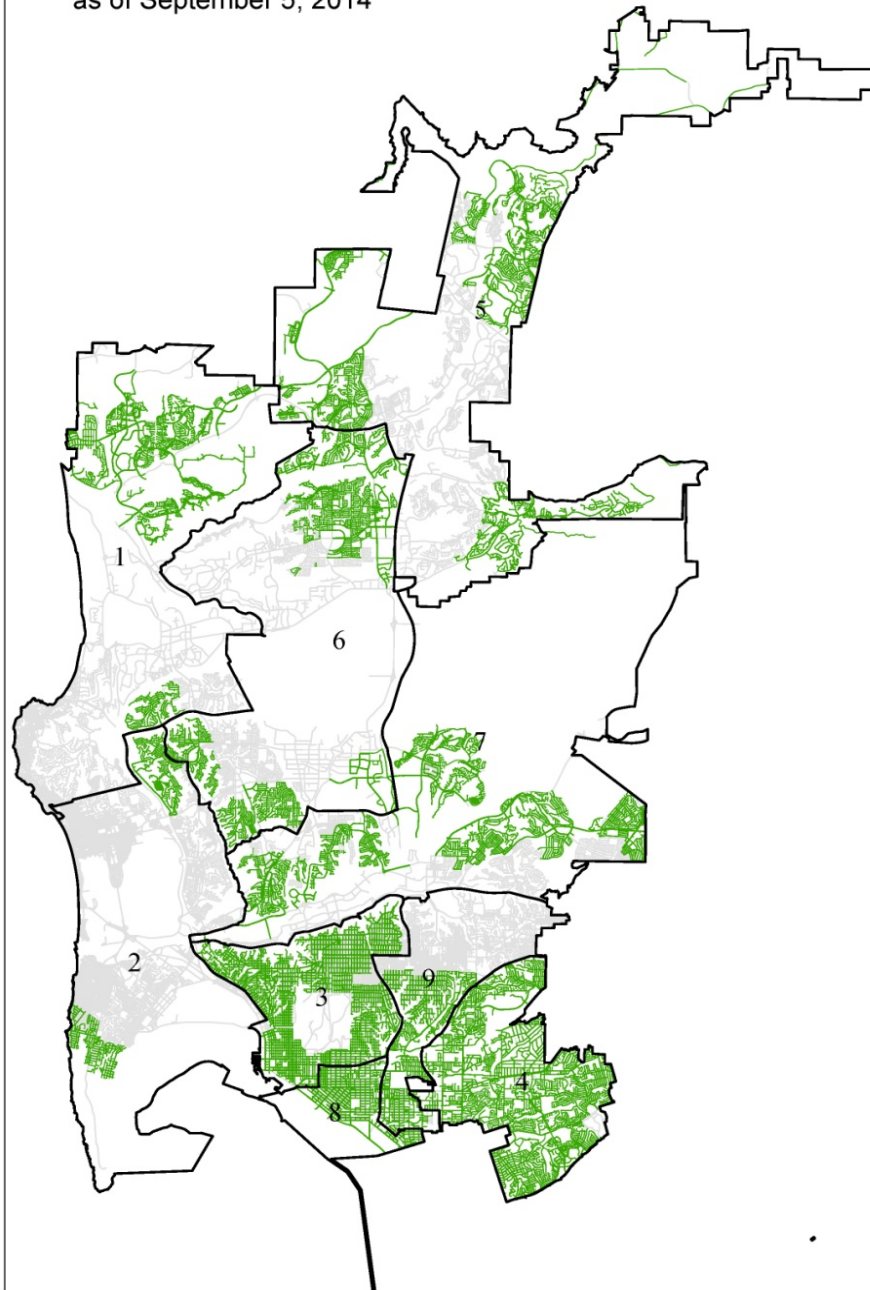
- Tripping Hazards:
 - Tree Related: 3,700
 - Other: 39,300
- Non-Compliant Curb Ramps: 14,337

Data Management

- Pavement/Asset Management Software: Cartegraph Systems, Inc. Same software being used for street pavement management.
- Interface to GIS: ESRI Geographical Information System (GIS) geo-connected to Cartegraph database resulting in data upload without the need to maintain separate databases.
- GIS data of overall sidewalk condition, missing sidewalk segments, curb ramps, and trees will be available to all city departments and the public through a weblink.
- So far, the average cost per mile for data collection is \$165

Draft

Completed Sidewalk Assessment
as of September 5, 2014



Sample Final Product



Existing Sidewalk Policy

- Sidewalk Repair Policy – based upon long standing State law (California Streets & Highways Code 5610-5618).
- Per State Law - Maintenance and repair of sidewalks is the responsibility of the adjacent property owner.
- In 1975, City Council adopted Policy 200-12, shifted burden to the City to assume responsibility for sidewalk repairs otherwise covered by California Streets & Highways Code.

Sidewalk 75/25 Program

- For FY15, the Cost Share Program had been increased to 75/25, with the City absorbing 75% of the sidewalk repair costs.

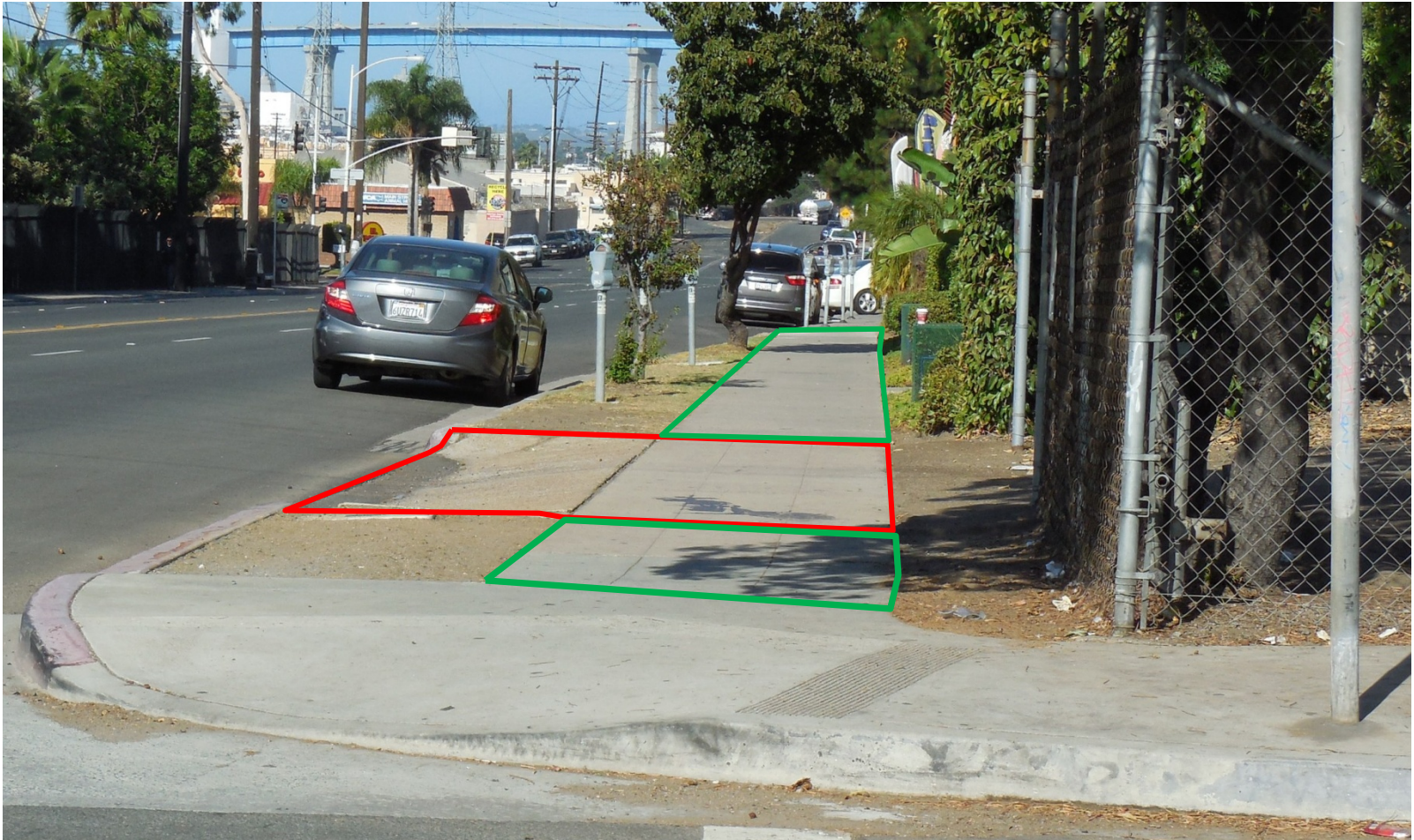
FULL COST PER SQUARE FOOT (FY15)

- \$15 Sidewalk (\$3.75 Resident Cost)
- \$17 Historical Sidewalk (\$4.25 Resident Cost)
- \$19 Driveway (not part of program)

Residents may call Street Division Customer Service number 619-527-7500 or go to:

www.sandiego.gov/street-div/services/roadways/sidewalk.shtml for more information.

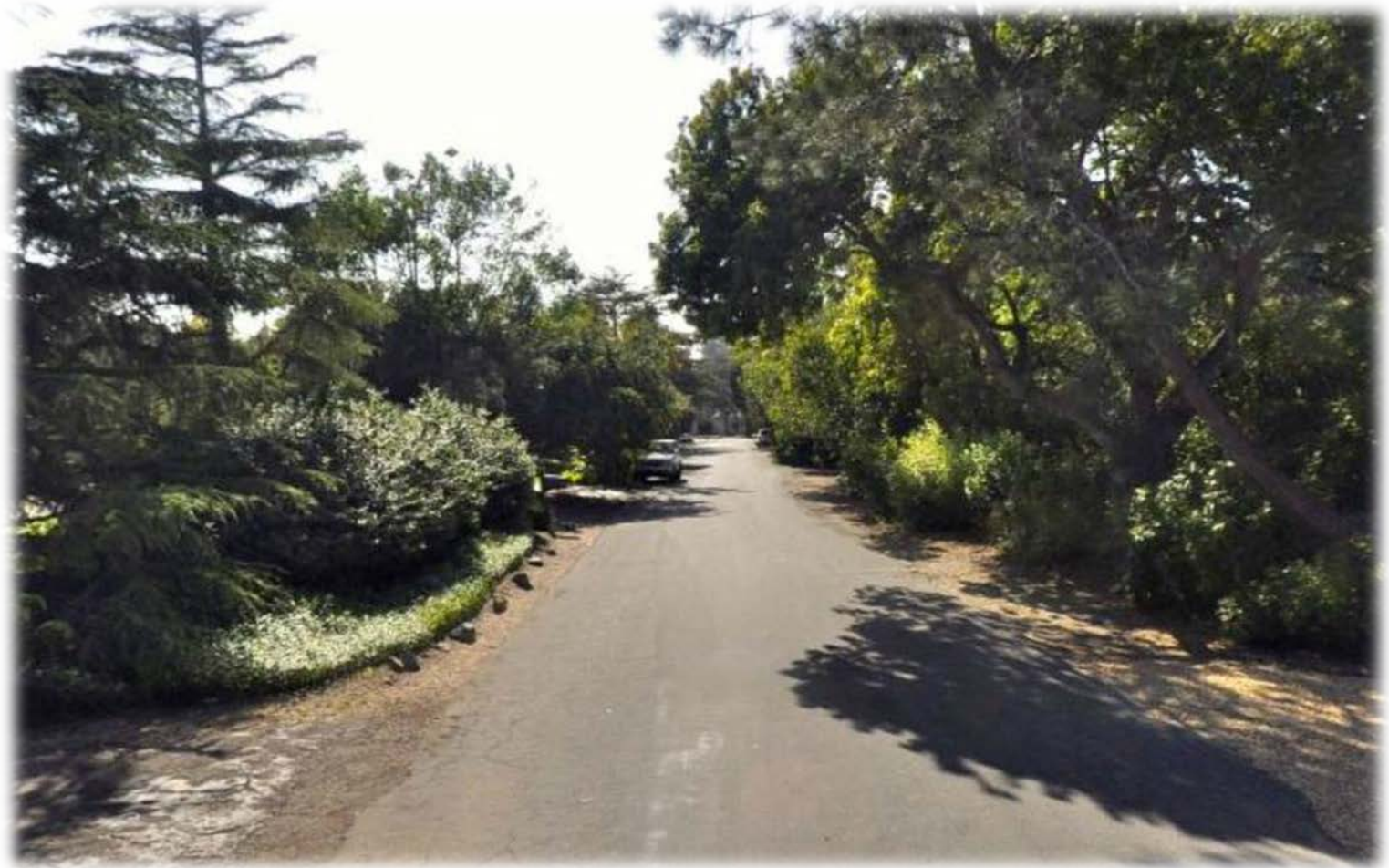
75/25 Program Example



Additional Info

- Property owners have little incentive to repair damaged sidewalks because only the City currently faces liability for injuries.
- Currently, sidewalks are not considered a City asset.
- Mayor/Council should explore options to amend Council Policy 200-12 as well as revisions to the Municipal Code to properly assign responsibility of sidewalk repair and liability.

Unimproved Streets



"Unimproved Streets"

Streets which have either an asphalt or concrete riding surface, but were not constructed to City design standards at the time.

Council Policy 200-01 (Distribution of Street Improvement Costs): "That portion of the street system which provides for local traffic movement and access to abutting property should be the responsibility of the property owners who receive the benefit."

~\$3M per mile improvement cost for residential streets.

~\$1.4M per mile asphalt street alone improvement cost.

Questions?