



## CASE STUDY: Repetitive Sidewalks Damage / Santa Monica, California

**Problem:** The interface of invasive tree roots and brittle, breakable concrete creates the need for temporary patches and repetitive permanent repairs in order to prevent trip and falls. This is difficult and costly. **In 2009, the City of Santa Monica spent nearly \$1,000,000 on sidewalks repair, more than a 100% increase from the early part of the decade.**



**Solution:** Rubbersidewalks™ and TERREWALKS' modularity and flexibility allows them to be easily and inexpensively removed so that tree root growth can be monitored *before* they grow large enough to damage sidewalks. This *preventative* maintenance is more cost effective. Santa Monica now devotes approximately 10% of its sidewalks maintenance budget to TERREWALKS (after installing Rubbersidewalks™ for seven years), through regular 6200 square foot purchases. **This modular solution has helped maintain over 400 ficus trees whose cost to maintain over the next maintenance cycle will be reduced by 80%, or \$300,000.**



***“The most amazing thing is that we went back to the sidewalks next to certain trees every six or seven years because the concrete was severely uplifted – more than eight inches at pretty steep angles. Now I look at those same areas after we installed Rubbersidewalks™ and they have been absolutely flat for the last seven years with only minor maintenance of some small roots.”***

*Robin Jarrett, Street Maintenance Supervisor, City of Santa Monica*

### Available upon request:

- Cost Benefit Analysis
- 21<sup>st</sup> Street Study

### For more information, please contact:

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