Green Parking Lots

Help Protect Your Watershed

Green parking lots are a combination of several techniques used together to reduce the impervious areas on a lot. Green parking techniques can dramatically reduce impervious cover and stormwater runoff. Application of this practice is most common in commercial, industrial, and multifamily land uses, and is most successful in low traffic, lightuse lots.

Techniques include:

- Setting maximums for the number of parking lots created.
- Minimizing the dimensions of parking lot spaces.
- Utilizing porous paving systems in overflow parking areas.
- Using bioretention areas or other filtering systems to treat stormwater.
- Using stormwater trees to treat stormwater and provide shading and cooling.
- Encouraging shared parking and providing economic incentives for structured parking.

$78,000

The savings from a green parking lot in Portland, Oregon, as compared to a conventional parking lot.

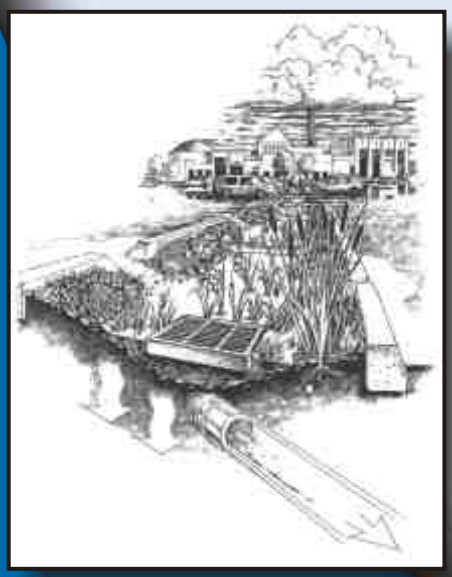
$2 - $4 per square foot

The cost range of "green" porous paving systems.

Case Study

The California cities of Sacramento, Davis and Los Angeles have implemented parking lot shade ordinances that require 50% of the total paved area to be shaded within 15 years of the issuance of development permits.

If you would like more information, please check our web site at: www.mmsd.com or call 414-272-5100



Green parking lots have many benefits, including:

- Reducing impervious cover
- Reducing stormwater runoff and peak discharge
- Removing pollutants and adding aesthetic value through use of bioretention and stormwater trees
- Promoting the replenishment of ground water

Maintenance

- Bioretention cells need to be inspected and maintained periodically.
- Maintenance for stormwater trees typically includes watering, pruning, mulching, and fertilizing.
- Porous paving systems require regular cleaning.
- Turf pavers can require mowing, fertilization and irrigation.

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In cooperation with the 2020 Facilities Plan

Water Quality INITIATIVE