

Responding to the Community

South Magnolia CSO Control Facility

Driveway surfaces

Community members asked the the South Magnolia CSO Control Project design team whether pervious pavement could be used for driveway surfaces, eliminating the need for bioswales to manage surface water runoff. At the October 20, 2012 community meeting, the project team indicated that permeable pavement is not cost-effective in areas where heavy loading may occur and will not replace the need for bioswales to manage surface water volumes and quality. While the bioswales were still needed, the team identified areas where *grasscrete* might be used to soften the appearance of paved areas, and committed to evaluating this option. The image below shows potential areas for grasscrete that were shown at the meeting.

The team determined that the areas proposed for grasscrete installation would receive heavy vehicle loading during maintenance activities that require raising the concrete lift slabs over the tipping buckets. The loads projected for this area create the potential for damage to the grasscrete and a resulting unstable surface.



The current project rendering depicts the vegetative buffers that will be used to screen and soften the appearance of the site. In addition, the team removed a sidewalk in front of the building and replaced it with vegetation to reduce pavement in an area where it was feasible to do so.

The October 20 presentation and meeting summary are posted at www.kingcounty.gov/environment/wtd/Construction/Seattle/SMagnoliaCSOStorage/MeetingCalendar.

ALTERNATIVE FORMATS AVAILABLE
206-684-1280 / 711 (TTY Relay)