Innovation Grant

Rubberized Sidewalk Pilot Project

Update March 2016

WE KEEP PORTLAND MOVING.



Rubberized Sidewalk - The Goal

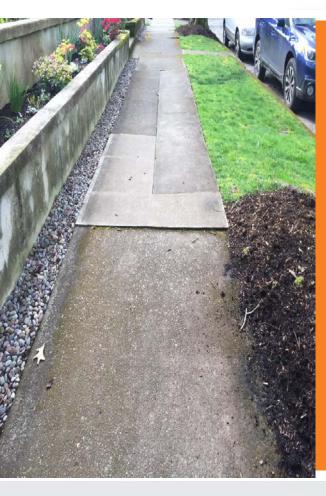


Sidewalk hazards are created by mature tree roots pushing rigid concrete sidewalks – creating a trip hazard

Some sidewalks have been identified as a tripping hazard every 5-7 years

Average repair costs per property are \$1200

Rubberized Sidewalk - The Goal



Material could eliminate/elongate the time to next repair – saves \$\$

Material could eliminate long term safety issues – creating an accessible environment for all

Saves trees

Rubberized Sidewalk - What is it?



Flexible, porous pavement product

100% recycled crumb rubber (tires) + patented binder

Concrete – gravel, sand, cement, water and it's RIGID

Rubberized Sidewalk - What is it?



Rubberized Sidewalk - What is it?



Rubberized Sidewalk - Progress

Installed July 2015 Grant amount: \$6000 Total Cost to install: \$14,838.48 **Evaluation ongoing – first inspection** 1/15/2016 Comments no trip hazard Perhaps slippery – need to evaluate coefficient of friction Concerns – skateboarders, bicycles, wheelchairs

Rubberized Sidewalk - Next Steps



Continue evaluations – 6 month basis

Success? Then... Modify Standard Specifications Modify Standard Drawings Add to the Construction Product List (CPL)

And save time, money, and have a safe pedestrian environment