# Innovation Grant

**Rubberized Sidewalk Pilot Project** 

Update March 2016

WE KEEP PORTLAND MOVING.



# **Rubberized Sidewalk - The Goal**

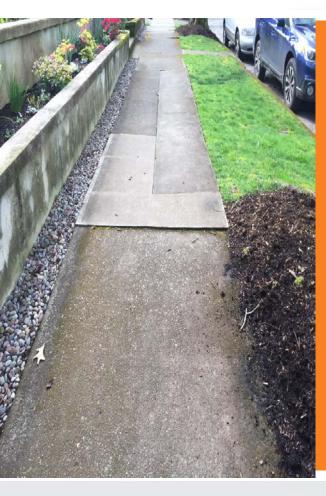


Sidewalk hazards are created by mature tree roots pushing rigid concrete sidewalks – creating a trip hazard

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