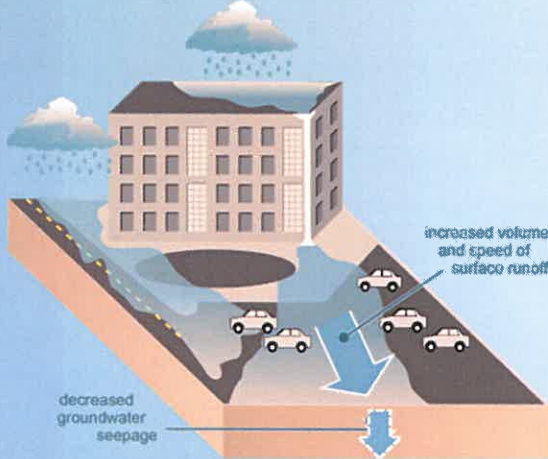


STORMWATER REORIENTATION GREEN INFRASTRUCTURE 101

DESIRED CHANGE

Impervious surfaces



Impervious 'hard' surfaces (roofs, roads, large areas of pavement, and asphalt parking lots) increase the volume and speed of stormwater runoff. This swift surge of water erodes streambeds, reduces groundwater infiltration, and delivers many pollutants and sediment to downstream waters.

Pervious surfaces



Pervious 'soft' surfaces (green roofs, rain gardens, grass paver parking lots, and infiltration trenches) decrease volume and speed of stormwater runoff. The slowed water seeps into the ground, recharges the water table, and filters out many pollutants and sediment before they arrive in downstream waters.

SLOW IT...SPREAD IT...SINK IT!

SOLUTIONS



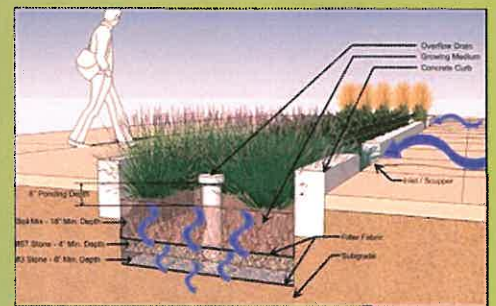
GREEN ROOFS

PERVIOUS PAVERS



RAIN GARDENS

BIOSWALES/BIOFILTERS



ISSUES

CAPITAL IMPROVEMENT COSTS

GI PLAN OUTLINE DUE IN 2017

CAPITAL RENEWAL AND REPLACEMENT COSTS



LONG-TERM ROUTINE MAINTENANCE AND OPERATIONS

LIMITED LOCATIONS AVAILABLE

IMPACTS TO OTHER PROGRAM BUDGETS