



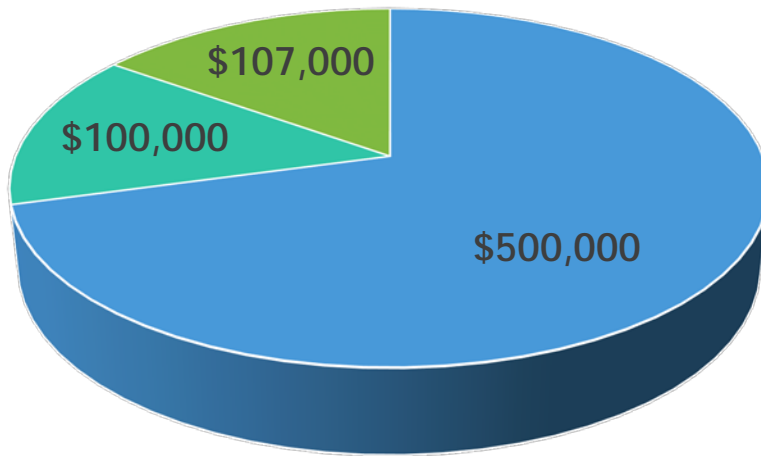
CITY OF
GRAND
RAPIDS



CREATIVE FINANCING

OCTOBER 2016

JOE TAYLOR PARK



■ City ■ CDBG ■ Private Funding

- **Cleans and infiltrates first inch of runoff from 40 acres**
- **Partnered with Parks, Planning and Community**
- **Demolished abandoned houses to expand park**

FUNCTIONAL, FUN AND FUNDED



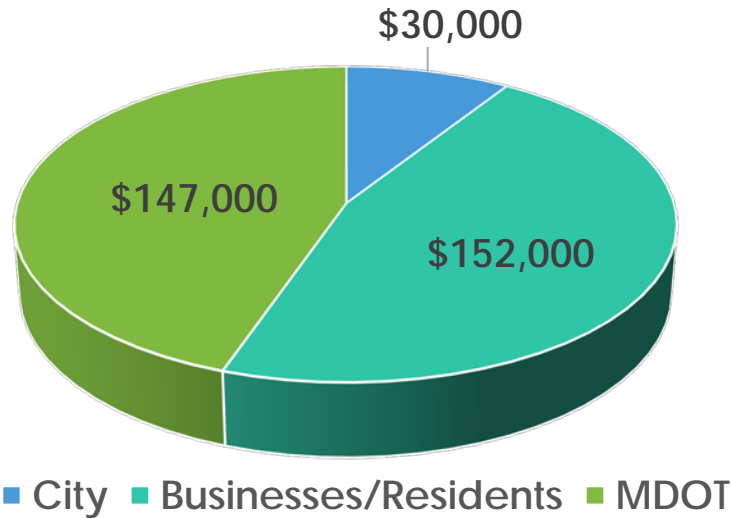
Underground Storage / Infiltration



Splash Pad Drains to Cistern



PLAINFIELD ISLANDS



Water Quality Islands

How they work

This graphic illustrates the secret to how Water Quality Islands, like those installed on Plainfield Avenue NE, function to improve water quality in the Grand River

- 1 Rain from the street is directed to the island and dispersed here.
- 2 Plants and soils filter and absorb rain water
- 3 The overflow of water in the island travels to this drain
- 4 Excess water permeating the soil makes its way here via this underdrain
- 5 Final soil filtration and absorption takes place at this catch basin
- 6 Excess water in the basin flows to the storm sewers and into the Grand River

Benefits of the Plainfield Islands

<p>Economic</p> <ul style="list-style-type: none"> • Beautifies and revitalizes the neighborhood • Triggers additional investments • Increases property values 	<p>Social</p> <ul style="list-style-type: none"> • Enhances pedestrian safety through traffic calming and increases driver awareness • Heightened community pride • Provides inspiration to other areas 	<p>Environment</p> <ul style="list-style-type: none"> • Filters out pollutants and keeps them from the Grand River • Reduces the volume of water going to the river and decreases flooding • Slows the velocity of water flowing to the river and minimizes erosion
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TREMONT GREEN SPACE



TREMONT GREEN SPACE MASTER PLAN

September 30, 2013

MASTER PLAN



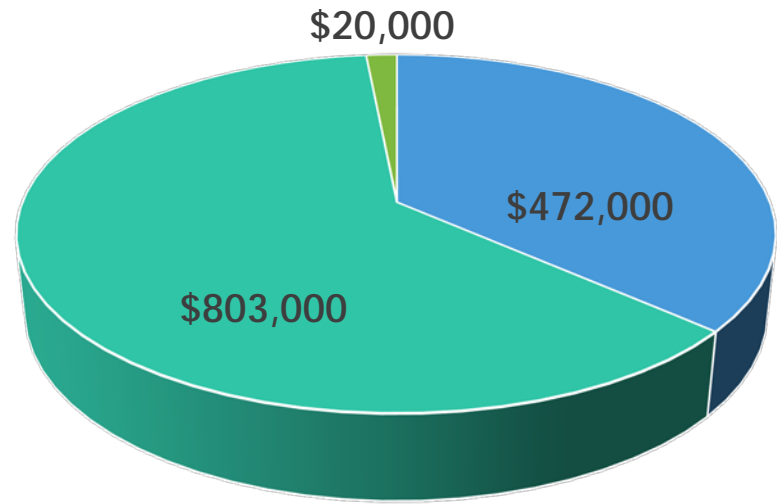
TREMONT GREEN SPACE



Installation



Cost Breakdown



■ City ■ FEMA ■ Donated Goods & Services

VITAL STREETS



- X. Low impact design will be the default design approach for street, sidewalk and right-of-way repair, improvement and reconstruction and shall be used unless clear engineering difficulties prevent its use in order to enable the City to achieve a minimum of Stormwater Management Level C investment by FY2022 as depicted in the 2013 Stormwater Asset Management and Capital Improvement Plan.



Contact



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