Richmond DPU: City Improvement Projects

Job: Forest View Green Alleys

Location: Forest View Neighborhood, between Hill Top Drive and Forest View Drive

Project Introduction

To address issues with standing water, ponding, and poor conditions in the Forest View neighborhood's alleys, three green alleys, which are pervious, were constructed. The use of permeable pavers allows for stormwater to soak and drain into the underlying stone, reducing runoff during rain events and alleviating ponding in adjacent backyards with help from the alleys' new grading. These improvements promote and allow for better drainage on adjacent streets as well.

The Forest View Green Alleys can be found between Hill Top Drive and Forest View Drive, from south of Clarence Street to Bassett Avenue. Construction was completed in March of 2021.

Project Schedule

Project Assignment: March 2016 (Hazen)

Survey & Preliminary Design: Completed March 2016 through May 2018 (Hazen)

Engineering Design: Completed June 2018 through August 2018 (Hazen)

Construction Assignment: Completed July 2020 through March 2021 (Messer Contracting)

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WHAT HAPPENS NEXT:

Benefits of Green Alleys:
Green alleys are constructed to allow stormwater to soak into the ground rather than swiftly running off pavement like it would with standard paving materials. Such alleys have a deep gravel reservoir and are built to absorb stormwater. This reduces ponding within alleys, flooding in backyards, and the amount of runoff sent to local stormwater conveyance systems. In addition, green alleys require less maintenance and are more cost efficient than gravel and asphalt alleys over time.

Green Alleys in the City of Richmond:
The Forest View Green Alleys are the City of Richmond's 14th green alley project. Richmond's first green alley was completed in 2010.

For questions, comments, or concerns specifically about any of these projects, please contact:

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Learn more at RVAH2O.org