



Dragoon Way Stormwater Improvements Project

Community Meeting

Virtual Meeting
April 4, 2023 6:00pm

Agenda

- Welcome and Introductions
- Stormwater Overview
- Project Overview
- Question and Answer

Project Team

Project Owner – The Pittsburgh Water and Sewer Authority (PWSA) and the City of Pittsburgh Department of Mobility and Infrastructure (DOMI)

- PWSA Project Manager: Maria Natoli
- PWSA Construction Communications Project Manager: Mora McLaughlin
- DOMI Project Manager: Michael Panzitta

Project Designer – Johnson, Mirmiran, & Thompson (JMT)

- Project Manager: Matthew Smith
 - Project Engineer: Kathryn Boehmer
- 



Stormwater Overview


*Pittsburgh has a stormwater
management problem*



Our system was not built for this volume of stormwater

- We have more pavement and hard surfaces than we did 100 years ago
- We have more rain, and localized severe storms, than the system is built to handle





Too much stormwater + sewer water = pollution in our rivers

It doesn't take much to
overflow the system – it can
happen with just an inch of
rainfall or less.

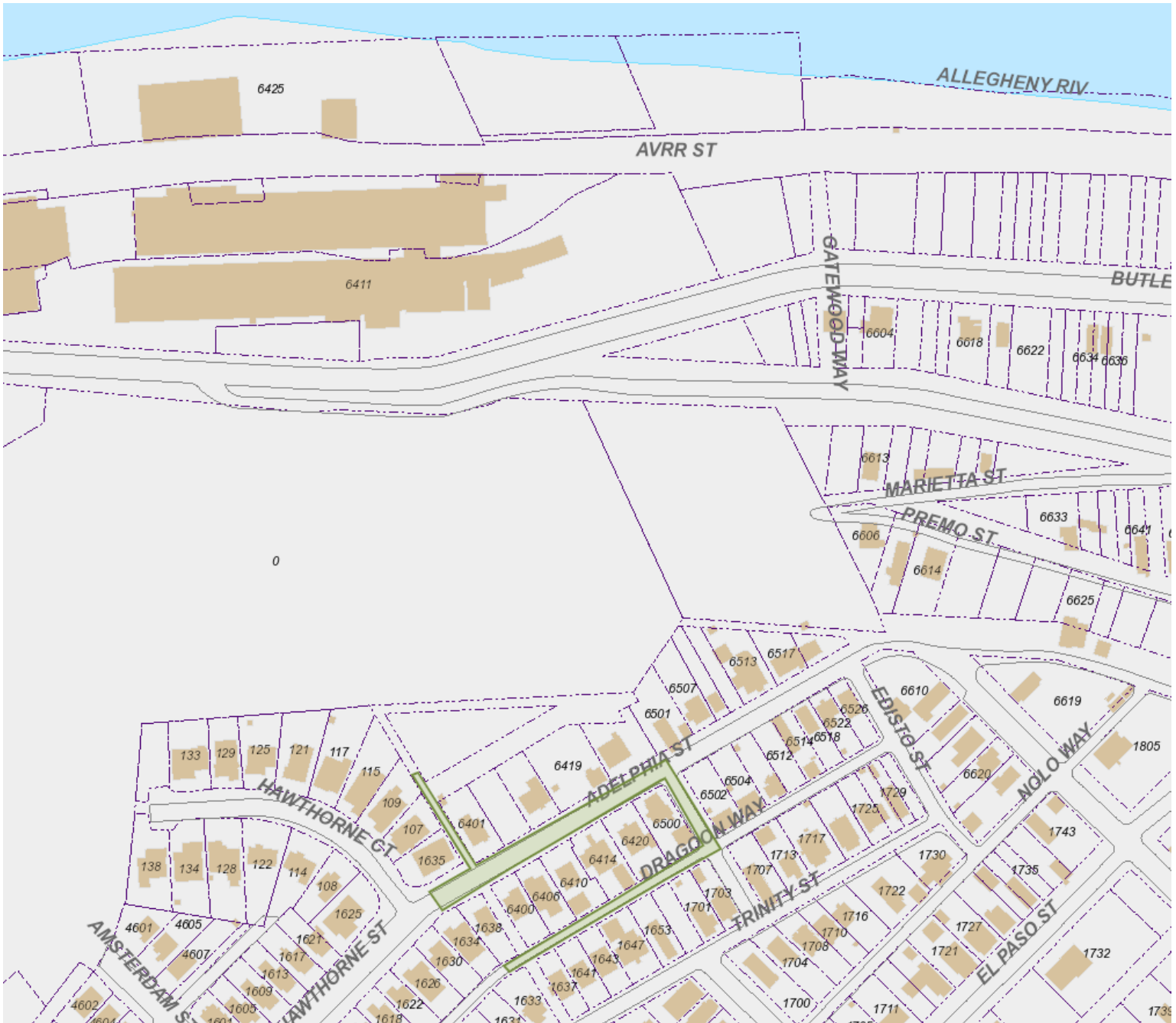




PWSA is stepping up

To tackle our stormwater challenges, PWSA is building an innovative stormwater management system, designed to absorb or redirect as much rainwater as possible *before* it causes flooding and/or enters our overburdened sewer system and waterways.






Dragoon Way Project Overview



Project Background

History: The project area, including private property and rights-of-way, has historically experienced flooding from stormwater runoff and inadequate stormwater infrastructure.



Location: Stanton Heights neighborhood, A-41/Heths Run sewershed. This sewershed drains to the Allegheny River and experiences significant combined sewer overflow (CSO) events per year.

Project Goals

- Reduce overland flooding within the project area including properties along Dragoon Way and Adelpia Street as well as roadway flooding
- Achieve downstream flood reduction benefits and reduce peak flows via stormwater best management practices (BMPs)
- Design the proposed infrastructure with long-term maintenance considerations at the forefront
- Manage runoff from the project area (2.65 acres, 1.43 acres of which are impervious surfaces)



Project Overview






- Approximately 650 linear feet (LF) of new storm sewer
- Two subsurface stormwater detention systems under the rights-of-way at Dagoon Way and Adelphia Street
- Roadway drainage improvements via new pavement and curbing
- Outfall improvements



Overall
Project Area

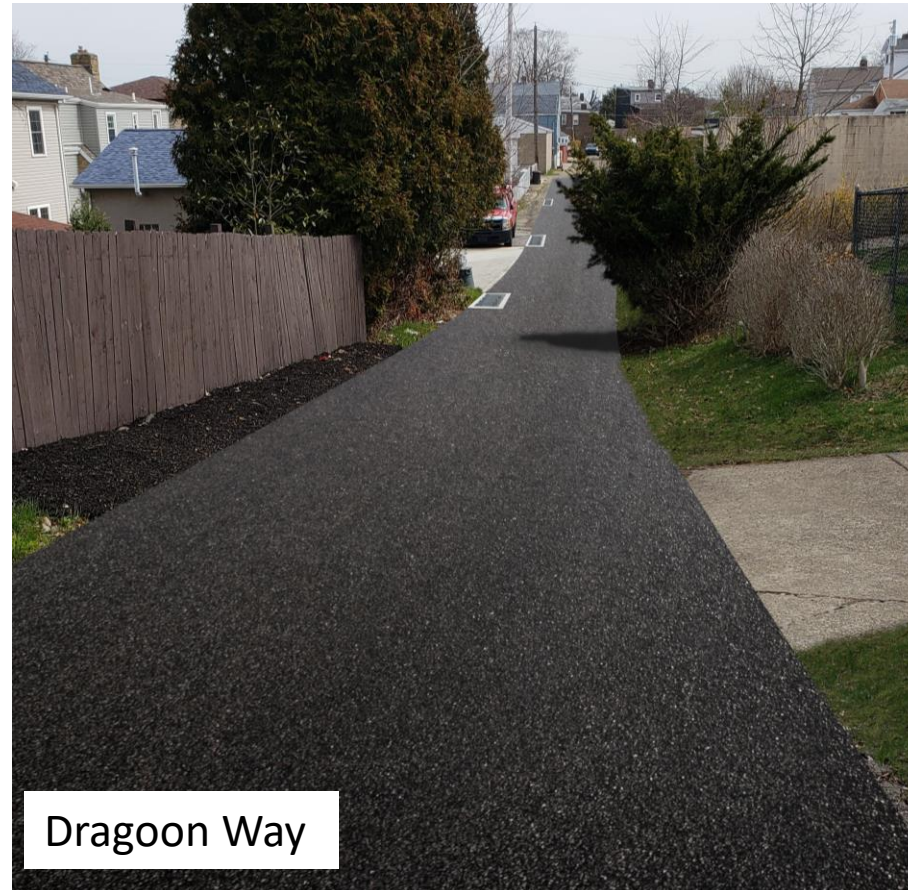
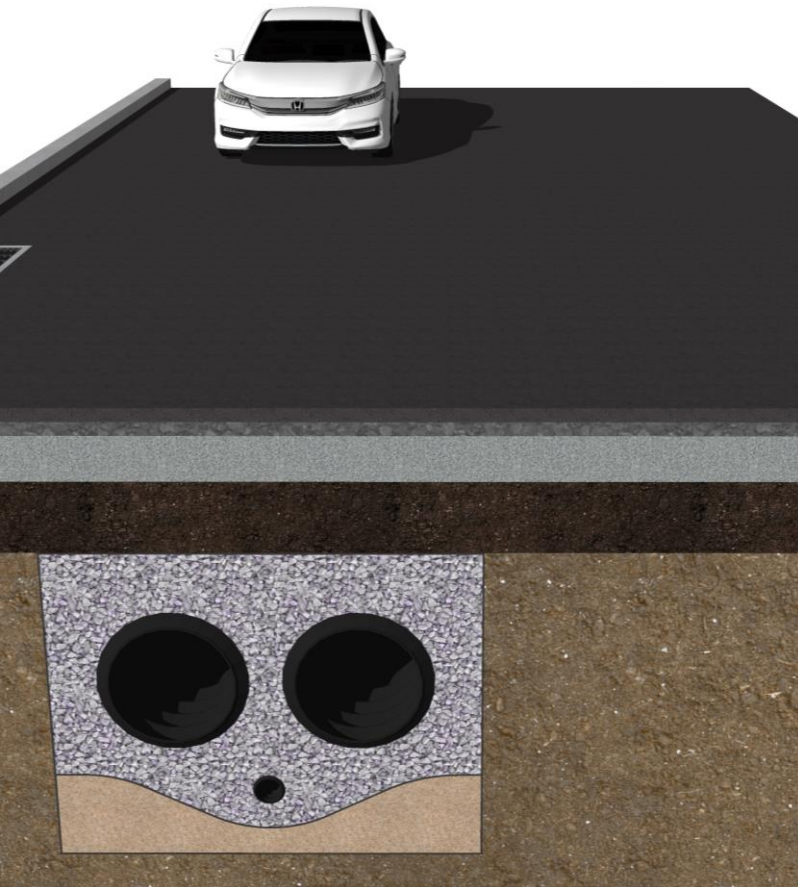


Key

-  Underground stormwater storage
-  Catch basin
-  New stormwater Pipe
-  Outfall
-  Manhole

Project Renderings

Underground
stormwater storage

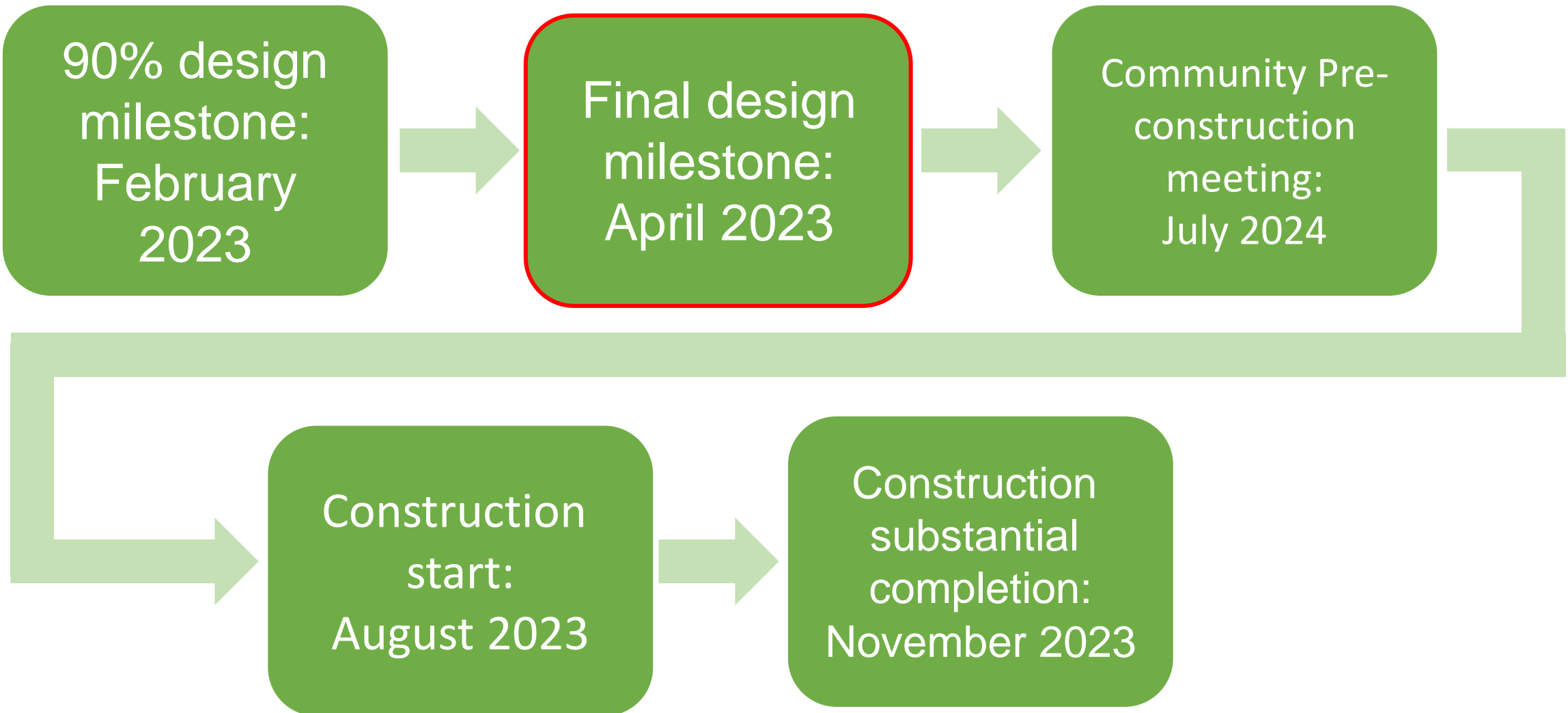


Dragoon Way



Adelphia St

Project Schedule



Thank you

Project Contacts:

Maria Natoli
Design Project Manager
412-606-2921
mnatoli@pgh2o.com

Mora McLaughlin
Construction Communications Project Manager
412-689-4137
mmclaughlin@pgh2o.com

www.pgh2o.com/dragoonway

