

# LOWER WARD 1 STORMWATER PROJECTS & EPA COMMUNITY GRANT FUNDING

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- City of Hyattsville Council Meeting
- March 3rd, 2025



# EPA COMMUNITY GRANT BACKGROUND

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- Federal earmark funding to support Lower Ward 1 stormwater project implementation
- Total funding: \$1,087,500
  - Federal (80%): \$870,000
  - Hyattsville (20%): \$217,500
- Stormwater BMP planning, design, construction

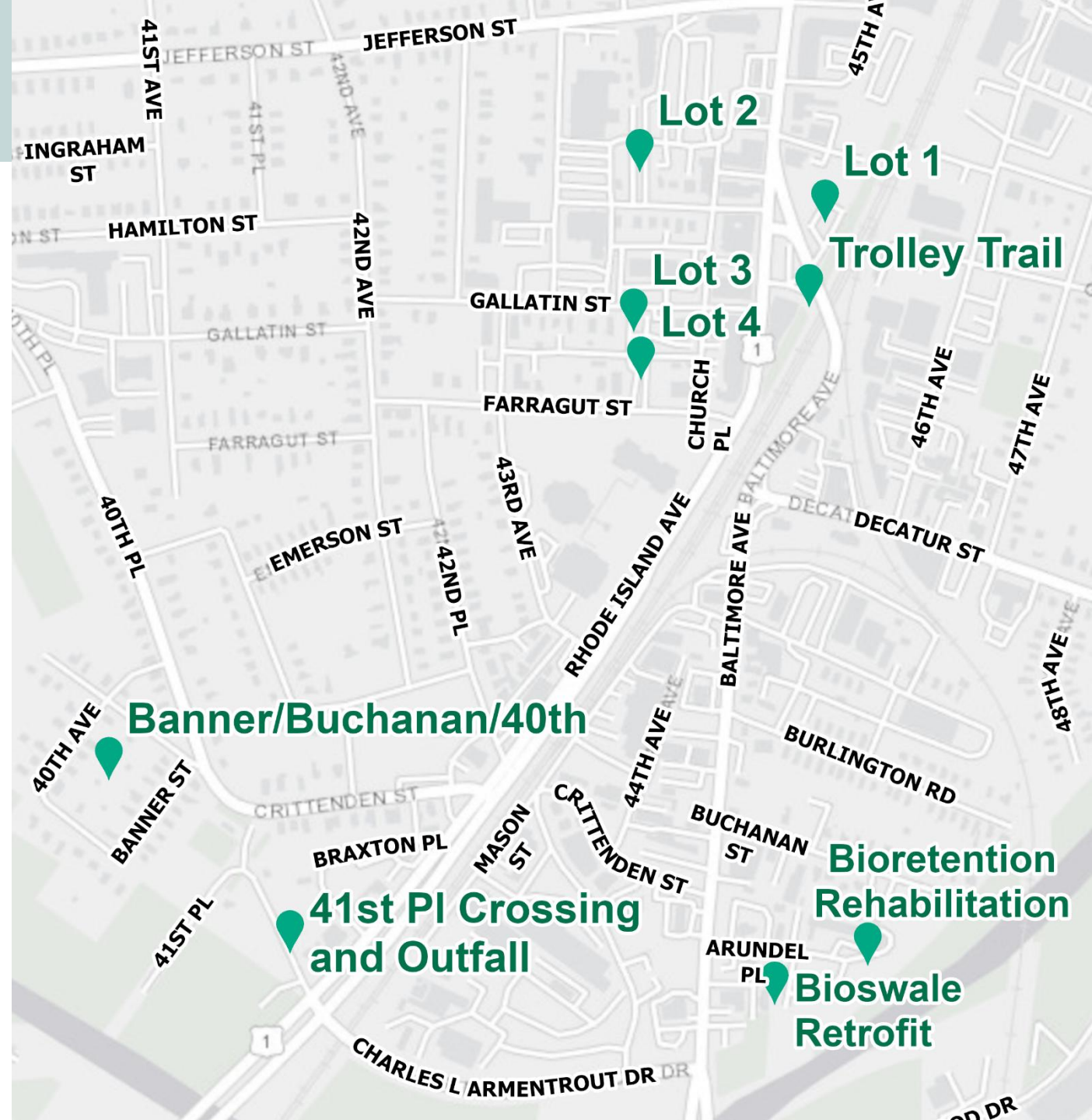
# PROJECT DESIGN & SUPPORT TEAM

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- **Low Impact Development Center (LID Center)**
  - Project coordination, grant mgmt. support
- **Stormwater Maintenance & Consulting (SMC)**
  - 41<sup>st</sup> Place design; constructability review (other projects)
- **Pennoni**
  - Lots 1 – 4 design
- **Toole**
  - Banner/40<sup>th</sup>/Buchanan green streets

# PROJECTS

- **Lots 1, 2, 4:** stormwater BMPs, pavement removal, tree planting
- **Lot 3:** Design/existing BMP maintenance only
- **Trolley Trail:** Bioretention refurbishment
- **41<sup>st</sup> Place:** Channel drain and outfall
- **Banner/Buchanan/40<sup>th</sup> Ave:** Green streets
- **DPW stormwater BMPs:** Bioretention and bioswale rehabilitation



# PARKING LOT RETROFITS



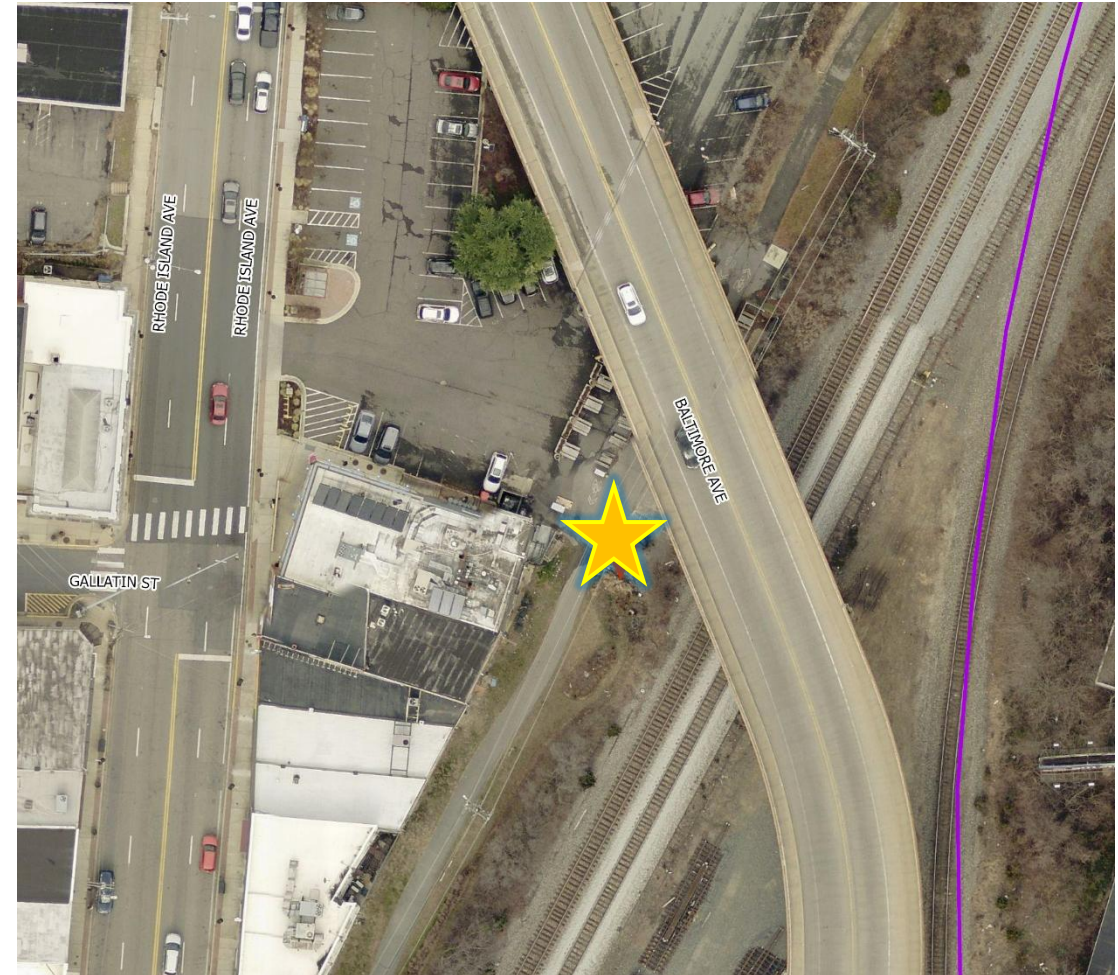
- **Parking Lot 1**
  - Micro-bioretenction - 94'x6', 1,015 CF storage
  - Impervious surface removal
  - Maintenance of existing facility
- **Parking Lot 2**
  - Tree planting
  - Impervious surface removal
- **Parking Lot 3**
  - Design costs & existing swale maintenance only
- **Parking Lot 4**
  - Micro-bioretenction - 6'x96', 1,037 CF storage



# TROLLEY TRAIL MAINTENANCE

## Combine work with permit for Parking Lot 1:

- Install solid trench drain across trail, allowing runoff from rear to channel under walking trail, into bioretention pond
- Resurface portion of trail elevation before/after trench drain



# 41<sup>ST</sup> PLACE IMPROVEMENTS

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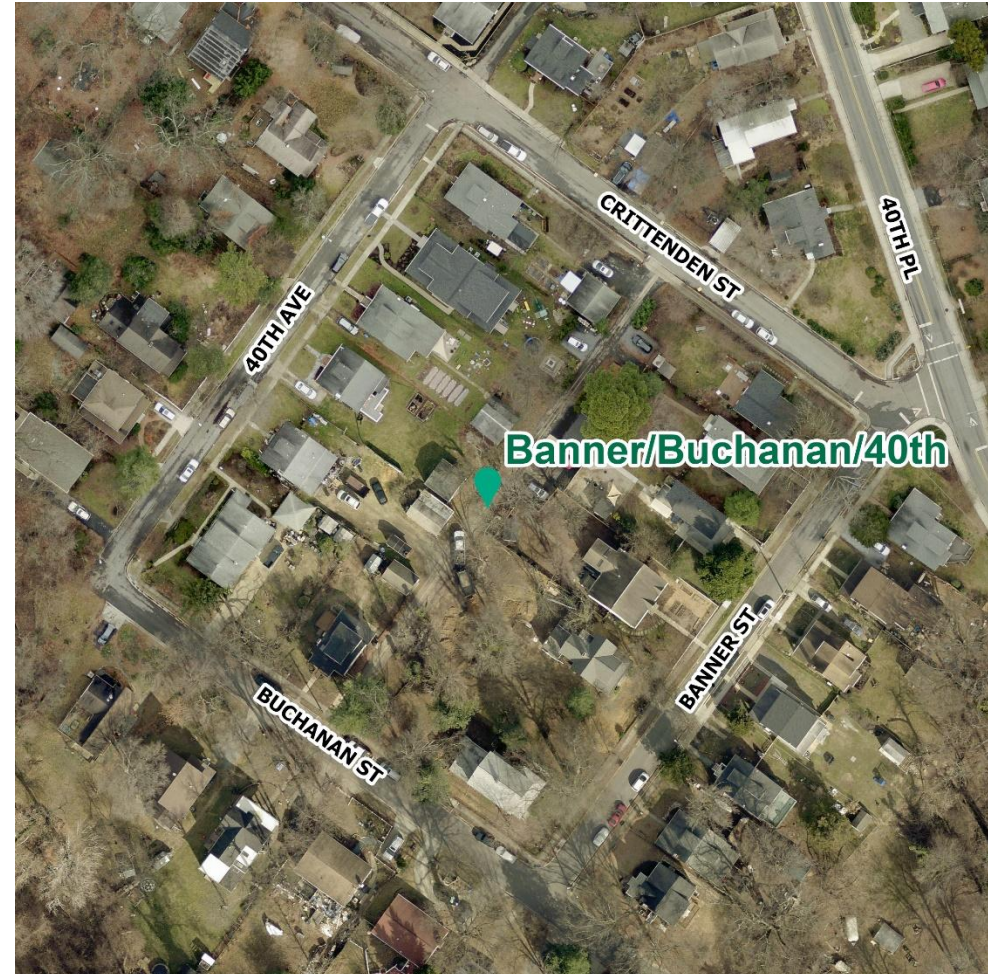


- Connect to existing drainage pipe
- Add channel drain to relieve flooding issues
- Add outfall & stabilization
- DPW staff met with DPIE and determined no permitting required for this project



# BANNER/BUCHANAN/40<sup>TH</sup> AVE

- 15% designs prepared for green street elements in this area
- Design only; not currently moving to construction





# DPW PROJECTS

- **Swale repairs**
  - Reinforce eroded areas
  - Add trash rack
- **Bioretention Rehabilitation**
  - Excavate & regrade
  - Stabilize eroded areas
  - Add riprap, vegetation, retaining wall



# GRANT BUDGET

DESCRIPTION	BUDGET			TOTAL
	DESIGN	CONSTRUCTION	OTHER	
41st Place Crossing & Outfall	\$33,947	\$62,453		<b>\$96,400</b>
City Parking Lots:				
- Lot 1	\$38,000	\$80,000		<b>\$118,000</b>
- Lot 2	\$38,000	\$166,900		<b>\$204,900</b>
- Lot 3	\$38,000	-N/A-		<b>\$38,000</b>
- Lot 4	\$38,000	\$171,200		<b>\$209,200</b>
Trolley Trail	-N/A-	\$25,000		<b>\$25,000</b>
Banner/Buchanan/40th Ave	\$38,500	-N/A-		<b>\$38,500</b>
Project Coordination			\$90,000	<b>\$90,000</b>
Permit Fees (11%)			\$50,000	<b>\$50,000</b>
DPW Bioswale Retrofit		\$105,000		<b>\$105,000</b>
DPW Bioretention Rehabilitation		\$115,000		<b>\$115,000</b>
<b>Total</b>				<b>\$1,090,000</b>

Total City	\$220,000
Total Federal	\$870,000

# STATUS & NEXT STEPS

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- Projects currently at 15% design
- Grant application in progress

## Estimated timeline:

