

# REGIONAL BUILDING PARKING LOT

Jill Sunderland  
Hampton Roads Planning District Commission  
April 17, 2025



# Beyond Just Parking



August 2024



February 2025

# Beyond Just Parking

## Features:

- Concrete instead of asphalt
- Precast porous concrete panels
- Sediment pre-treatment
- Bioretention stormwater BMP
- Native plants
- Recycled materials



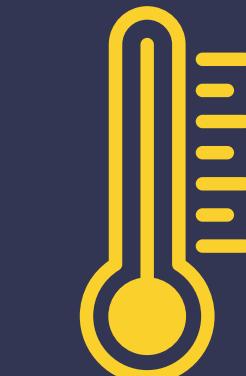
# Beyond Just Parking



Treat stormwater runoff



Prevent flooding



Reduce temperature



Provide pollinator habitat



Reduce carbon emissions



Use recycled materials

# Beyond Just Parking

## By the Numbers...

Total Disturbed Area / Contributing Drainage Area	0.66 acres / 0.79 acres
Storage Capacity	33,438 gal
Parking - Before	$51 + 2 \text{ ADA} = 53$ spaces
Parking - After	$51 + 3 \text{ ADA} = 54$ spaces
Demonstration Project Cost	\$770,000



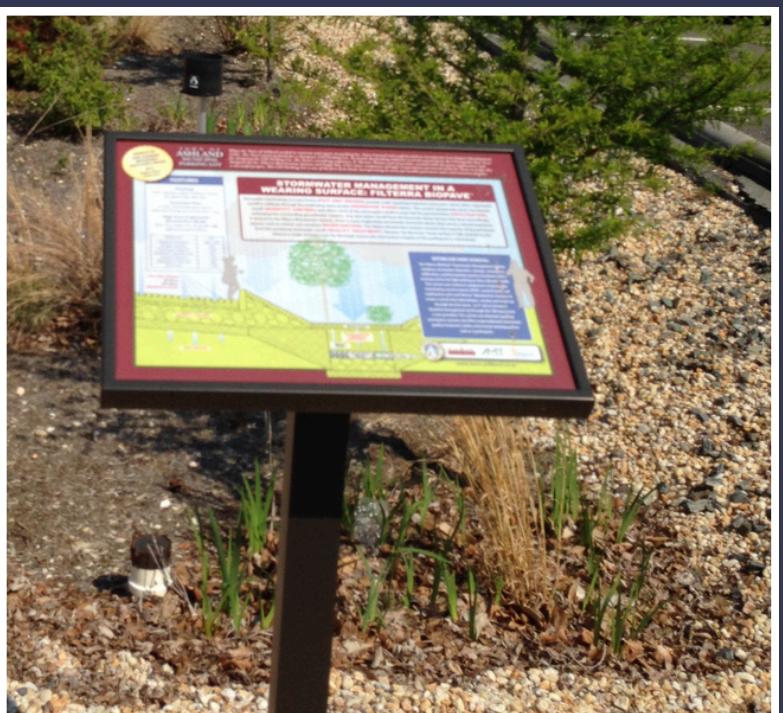
## Comparisons



# Beyond Just Parking

## More to come:

- 4 Level 2 EV charging stations
- Customized “757” bike rack
- Educational signage

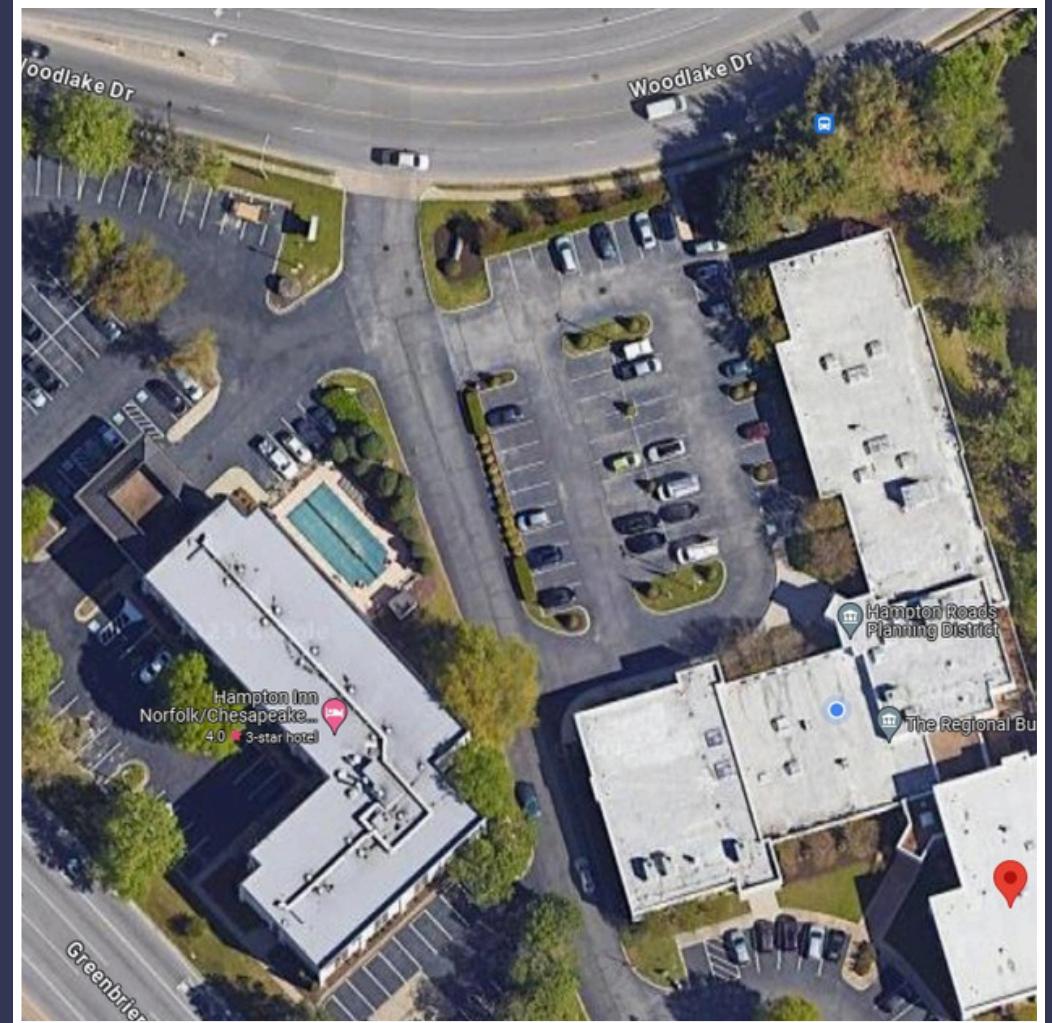


# Beyond Just Parking

## Takeaway:

Hampton Roads has approximately 64,000 acres of “other impervious area” and needs about \$10B in flood mitigation projects.

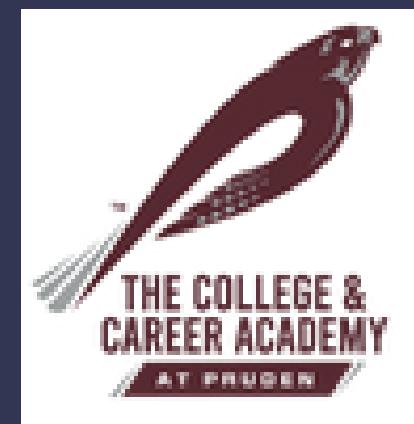
**How can we take better advantage of sites like this?**



Thank You!

**HANBURY**

Parking Lot Maintenance, Inc.  
Sealing -- Striping -- Asphalt -- Concrete



# Beyond Just Parking

Construction Time Lapse

<https://youtu.be/1igrA7WrwEo>

# Beyond Just Parking



Jill Sunderland  
Senior Water Resources Planner  
[jsunderland@hrpdcva.gov](mailto:jsunderland@hrpdcva.gov)