



Stormwater Department Funding Strategy Implementation Update



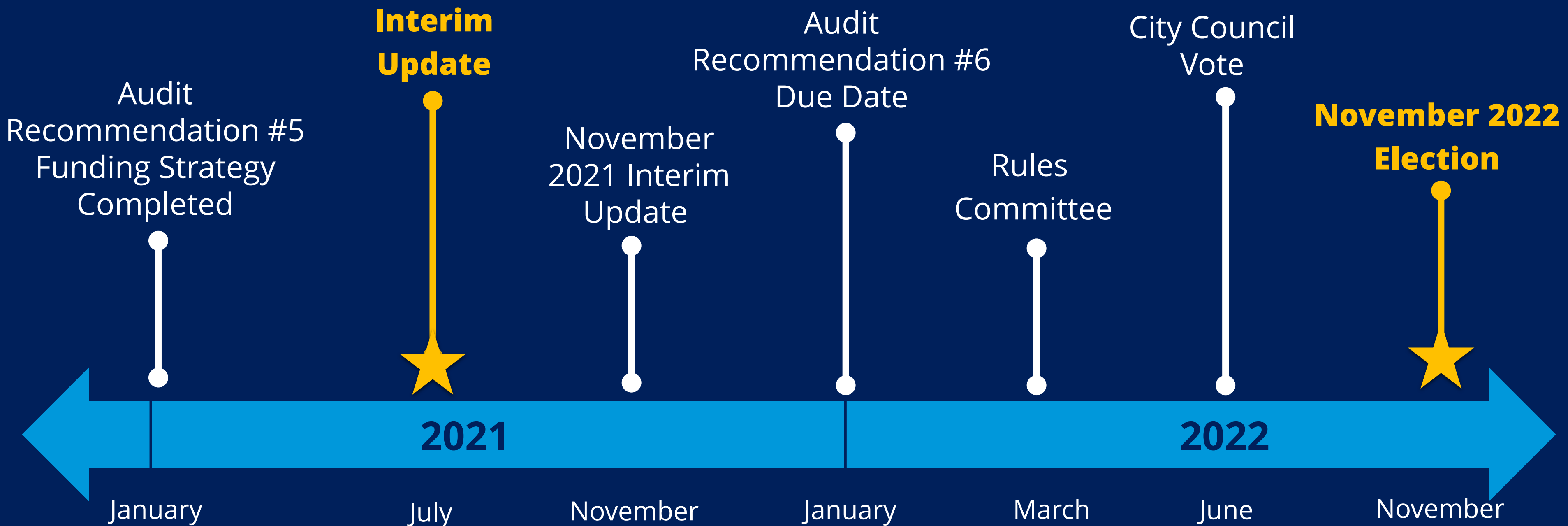
Funding Strategy Implementation Update

- Funding Strategy implementation timeline
- FY2021 stormwater snapshot
- Funding measure assessment update
- FY2022 lookahead





2018 Stormwater Audit Documented Historic Underfunding





FY2021 Snapshot

Impacts of Continued Underfunding

- FY2021 Funding Need = **\$521 M**
- FY2021 Budgeted = **\$48.5 M**
- Resulted in:
 - **11 emergency failures**
 - Delays in **environmental water quality** progress



FY2021 Progress and Innovation



Modernizing Stormwater



SRF and WIFIA Loans



Strategic/efficient infrastructure repairs



Water Quality Response Team



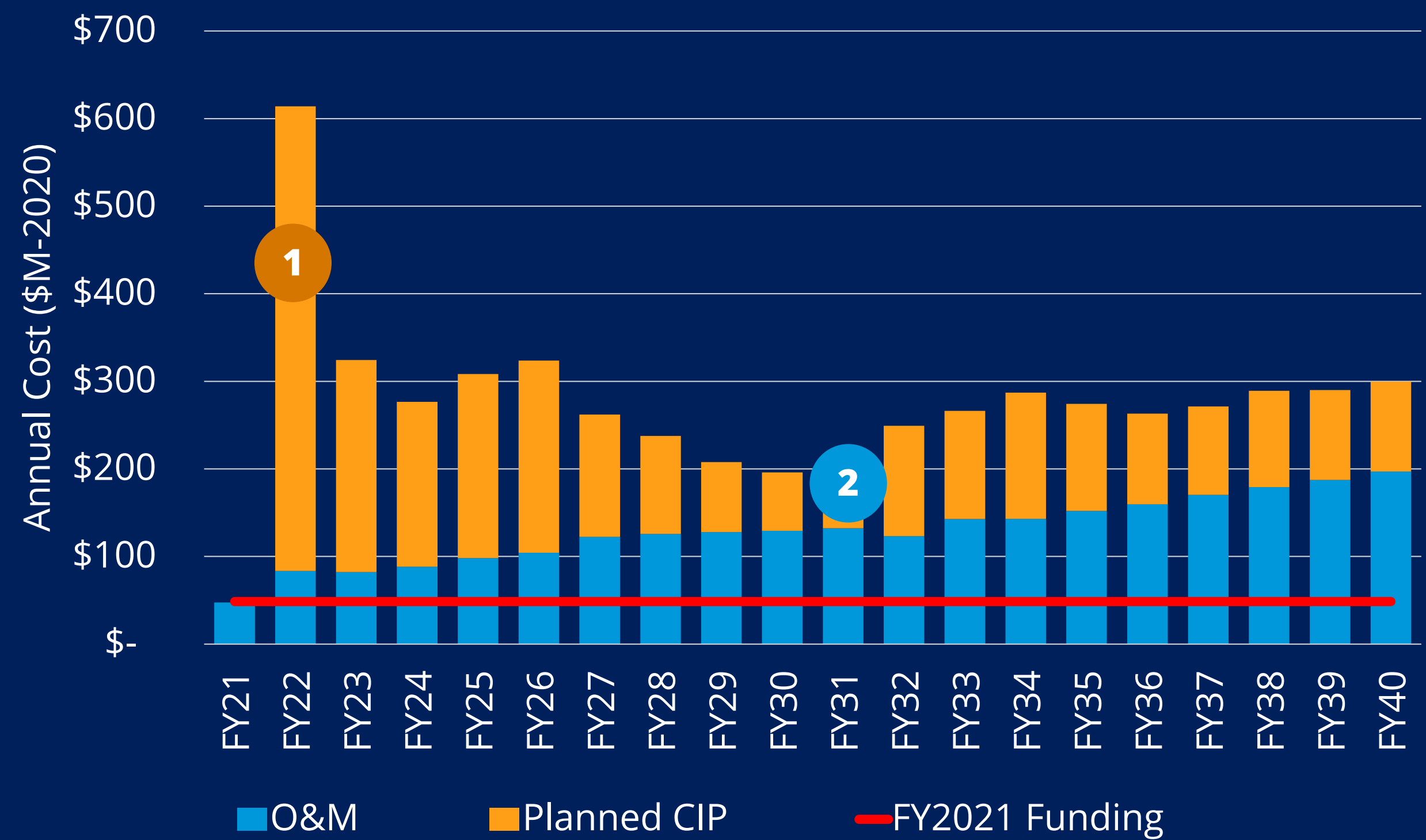
Construction Site Patrol Program



Partnerships



Long-term Funding Mechanism Needed



1 Deferred CIP costs continue to accumulate each year as projects are unfunded.

2 O&M costs continue to increase as additional CIP are built and must be cash funded.

BOTTOM LINE: long-term, dedicated funding mechanism(s) needed



Development of a Funding Measure





FY2021 Public Opinion Research

- March 2021 Survey
- May 2021 Focus Groups
- Objectives:
 - Voter values
 - Language that resonates
 - Willingness to pay





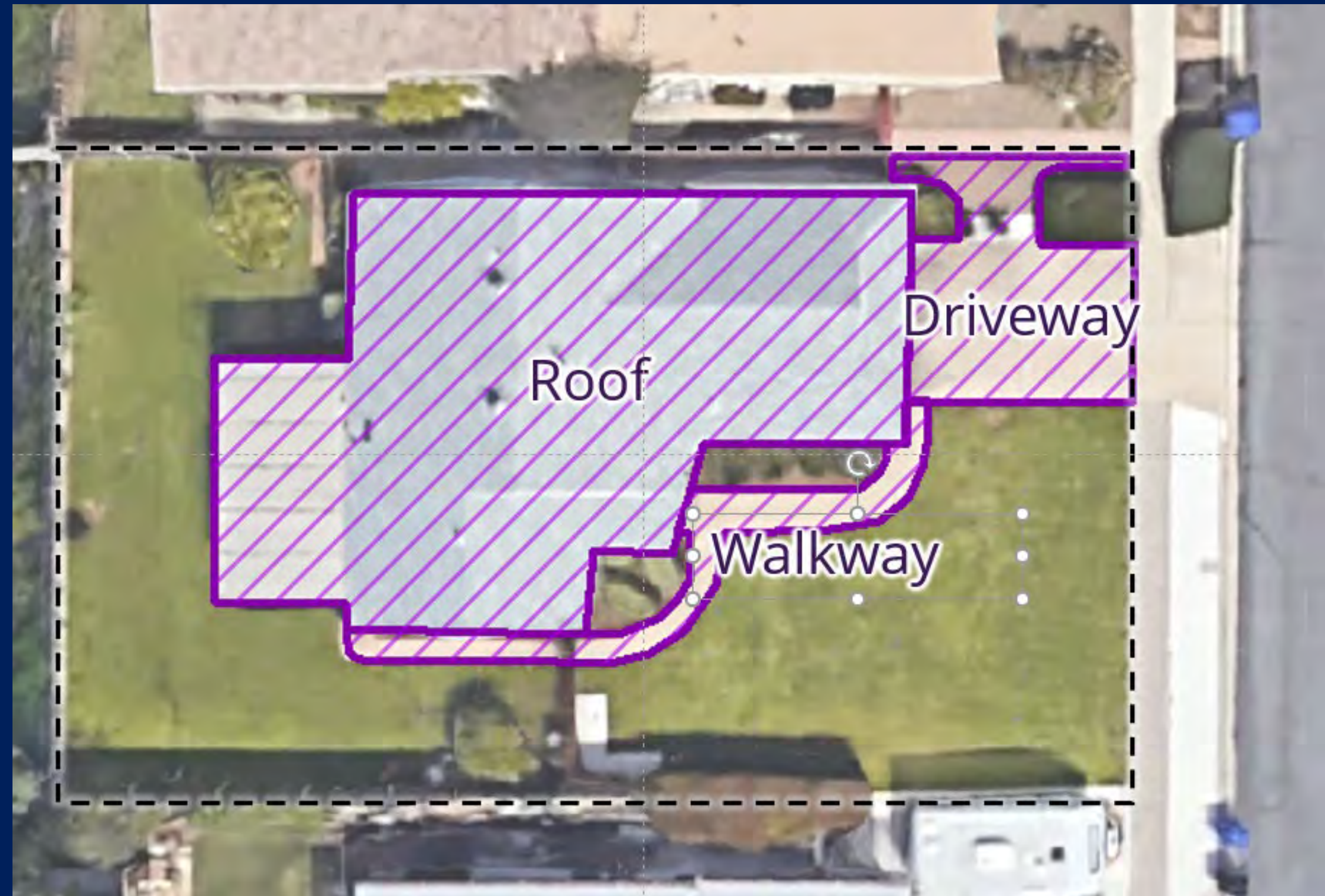
Stormwater Methods Tested

- **Impermeable Area**

- Cents per square foot

- **Property type**

- Single-family residential
- Multi-family residential
- Other types



Impermeable Area Example (Demonstration Purposes)



Survey and Focus Group Key Takeaways

- **Education and engagement are paramount** for voters to make an informed decision
- **Water quality** is highly valued
- Greater support for rate basis by **impermeable area** than by property type
- **Two-thirds threshold may be feasible** for a stormwater funding measure





Initial Funding Mechanism Scenarios Evaluated

Funding Mechanism Basis <u>Examples*</u>		Median Single-Family Residential Bill** (per year)	Estimated Revenue Generated (per year)	Annual Funding Needed (\$2020)
Property Type	Lower Example	\$69	~\$32 M	\$274 M
	Higher Example	\$100	~\$46 M	
Impermeable Area	\$0.02 per sq-ft	\$64	~\$33 M	
	\$0.05 per sq-ft	\$160	~\$83 M	

* The scenarios presented represent a sample of methodologies being evaluated and will continue to evolve based on public opinion research and stakeholder engagement

** Ballot measure requires annual ratepayer impacts to be stated; collection can be at other intervals (e.g., monthly)

Education and Outreach



HOME STORMWATER IN SAN DIEGO STORMWATER INFRASTRUCTURE WATERSHEDS
TIPS AND RESOURCES STAY INFORMED REPORT STORMWATER POLLUTION

Allow us to reintroduce ourselves...
We are Think Blue San Diego

Think Blue San Diego is the City of San Diego's Stormwater Division. We operate a storm drain system that protects homes and businesses against flooding. San Diego's stormwater division also works to meet and exceed the requirements of the Clean Water Act. Water in our storm drains is not treated. Pollutants flow directly from the streets and into our rivers creeks, bays and the ocean. Through innovative and strategic stormwater management, we work every day to prevent this pollution and stop water waste.



Think Blue San Diego

Jun 10 · 🌐

Keeping communities flood-safe is a year-round job.

The Stormwater Department, powered by Think Blue, is finishing up a stormwater pipe replacement in this University City neighborhood. It's a difficult and delicate job performed by our in-house pipe repair crew and one of the many services that keep our communities flood-safe.



WHERE IS GREEN INFRASTRUCTURE?



in our parks

Multi-use treatment areas are basins or underground tanks where runoff can be stored to capture pollutants and reduce flooding. They can also improve public spaces for local communities.



in our neighborhoods

Rain barrels, rain gardens, and other site-scale strategies allow for capture and use of rainfall to water plants.



along our streets

Green infrastructure on streets is designed to collect stormwater from road gutters and treat it using plants and soil.

Green infrastructure is a strategy used by the City of San Diego's Stormwater Division at many scales—from smaller sites to entire neighborhoods—to protect us from flooding and our waterways from pollutants. When paired up with traditional infrastructure, it works as a system to manage stormwater for safe, sustainable, and thriving communities.



DID YOU KNOW?

You can help the City keep our water safe and clean with your own green infrastructure! Building a rain garden or installing a rain barrel naturally cleans stormwater and reduces the amount of wet weather runoff going untreated into our storm drain system.

Visit the Think Blue San Diego website to learn more:
www.sandiego.gov/thinkblue



Stakeholder Engagement



- **Common themes:**
 - Climate change/resiliency
 - Drought preparedness
 - Equity
 - Economic growth
 - Workforce development
 - Stormwater harvesting and reuse





FY2022 Lookahead

July
to
September

- Department Launch
- Focus Groups

October
to
December

- Survey (Viability)
- Interim Update to City Council (Nov)

January
to
March

- Survey (Refinement)
- Audit Recommendation #6 Response (January)
- Rules Committee (March)

April
to
June

- Focus Groups
- Survey (Specific Ballot Viability)
- City Council Vote (June)



Thank you!

Come visit us for more information:
thinkblue.org



BJBezak@san Diego.gov