

Maintenance: Engaging the Public

Green Street Steward Program

Current activities

- Clear curb openings so water can flow
- Pick up trash
- Pull weeds
- Summer watering

Future program expansion:

- Add plants to facility
- Remove sediment



Maintenance: Warranty Problems

Improve facility hand off—Developers not maintaining the green street facilities as required during the 2-year warranty period.



BEFORE



AFTER



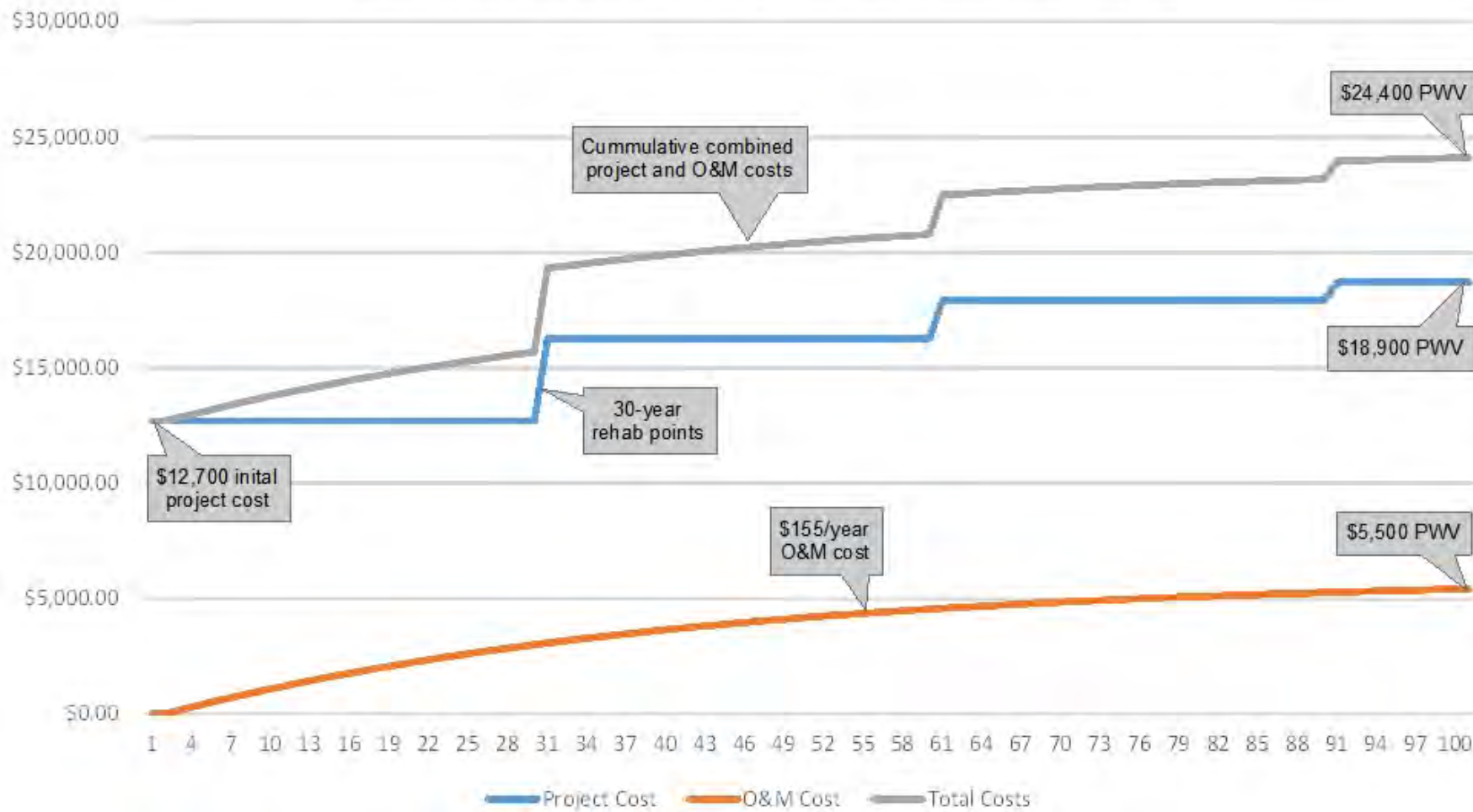
Green Streets: Life-cycle Costs

Life-cycle Costs for Stormwater Curb Extensions			
BES Planning Assumptions, 2015			
		Cost Per SF of Facility	Cost For a 100 SF Facility
Construction	Construction with 25% contingency		8,900
	With design, construction management		12,700
Rehab	Rehab at 30, 60, 90 years (each)		7,620
Maintenance	Annual maintenance cost	1.55	155
100-Year Cost	Present-worth (PW) value of expenditures		\$23,900



Green Streets: Life-cycle Costs

Cummulative Costs of 100-SF Curb Extension Costs (PWV)



Summary

GREEN STREET PROGRAM

- Successful in meeting BES objectives for stormwater control
- Need system to consistently track inspections & condition assessment
- Identify appropriate LOS & track if it is being met
- Have maintenance inform design choices



Questions?



For More Information

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