

Measure M Program Update

October 27, 2015

City Council Work Session

Background

- City Auditor's Paving Report
- Watershed Management Plan
- \$30M bond measure passed in 2012
- Accelerate paving and install Green Infrastructure demonstration projects where appropriate
- 5-year implementation timeframe: FY 2014 – FY 2018
- Transform paving and storm drain programs

Bottom Line: Deliver Projects

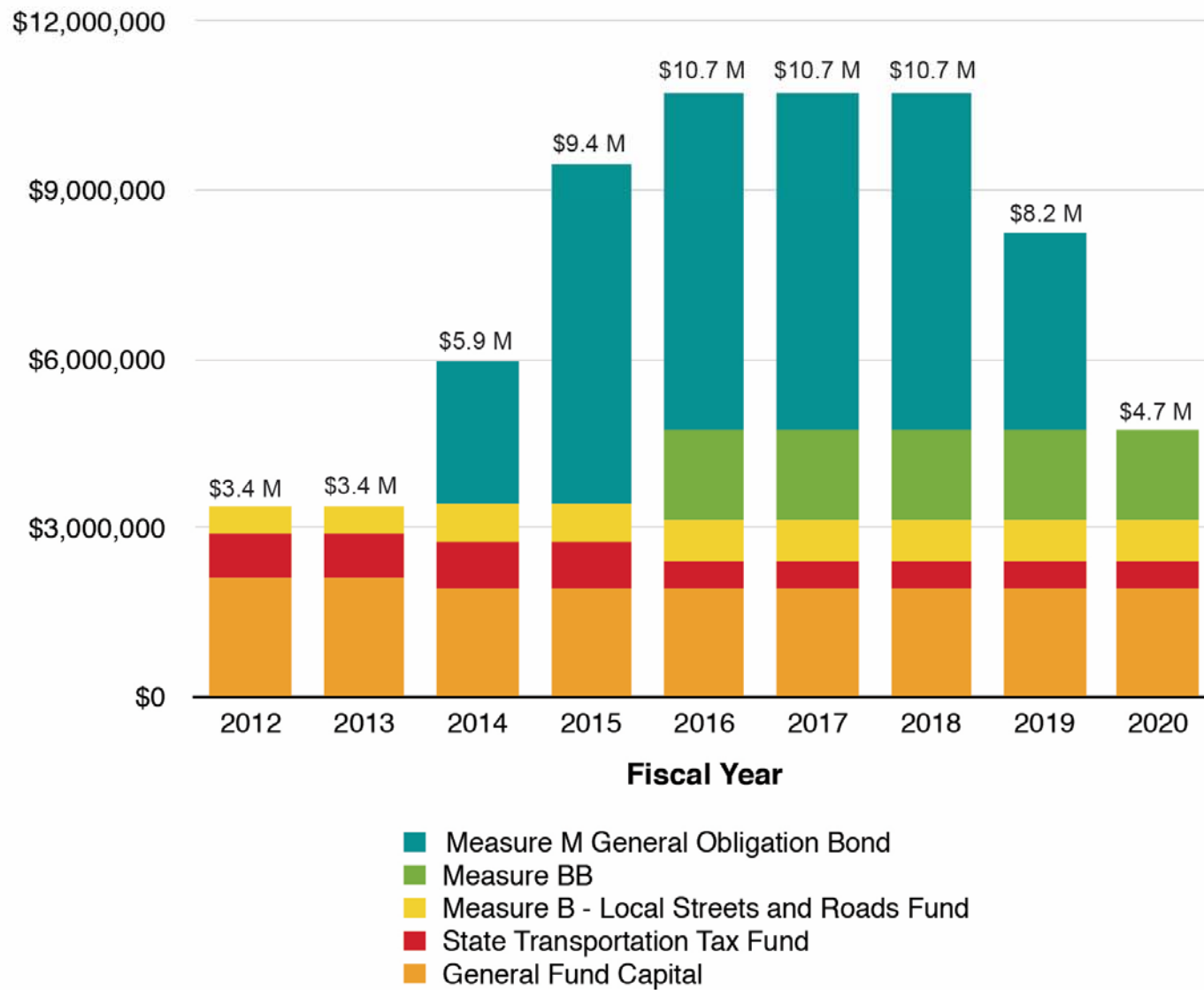
Program Overview

- Paved 17 miles with \$14 million to date, approximately double the amount paved prior to Measure M
- Paving 51 miles by FY 2018 (34 with Measure M funding) as compared to 22 miles in prior 5 years
- Increased Citywide Pavement Condition Index (PCI) from 58 in FY 2014 to 65 in FY 2018
- New cost-effective, innovative pavement treatments

Program Overview

- Installed 5 Green Infrastructure sites to date (4 with Measure M funding)
- Planning installation of 17 GI sites by FY 2018
- Lessons learned from Green Infrastructure projects
- Project delivery is on schedule and on budget

Adopted Street Paving and Green Infrastructure Budget



Annual Project Status

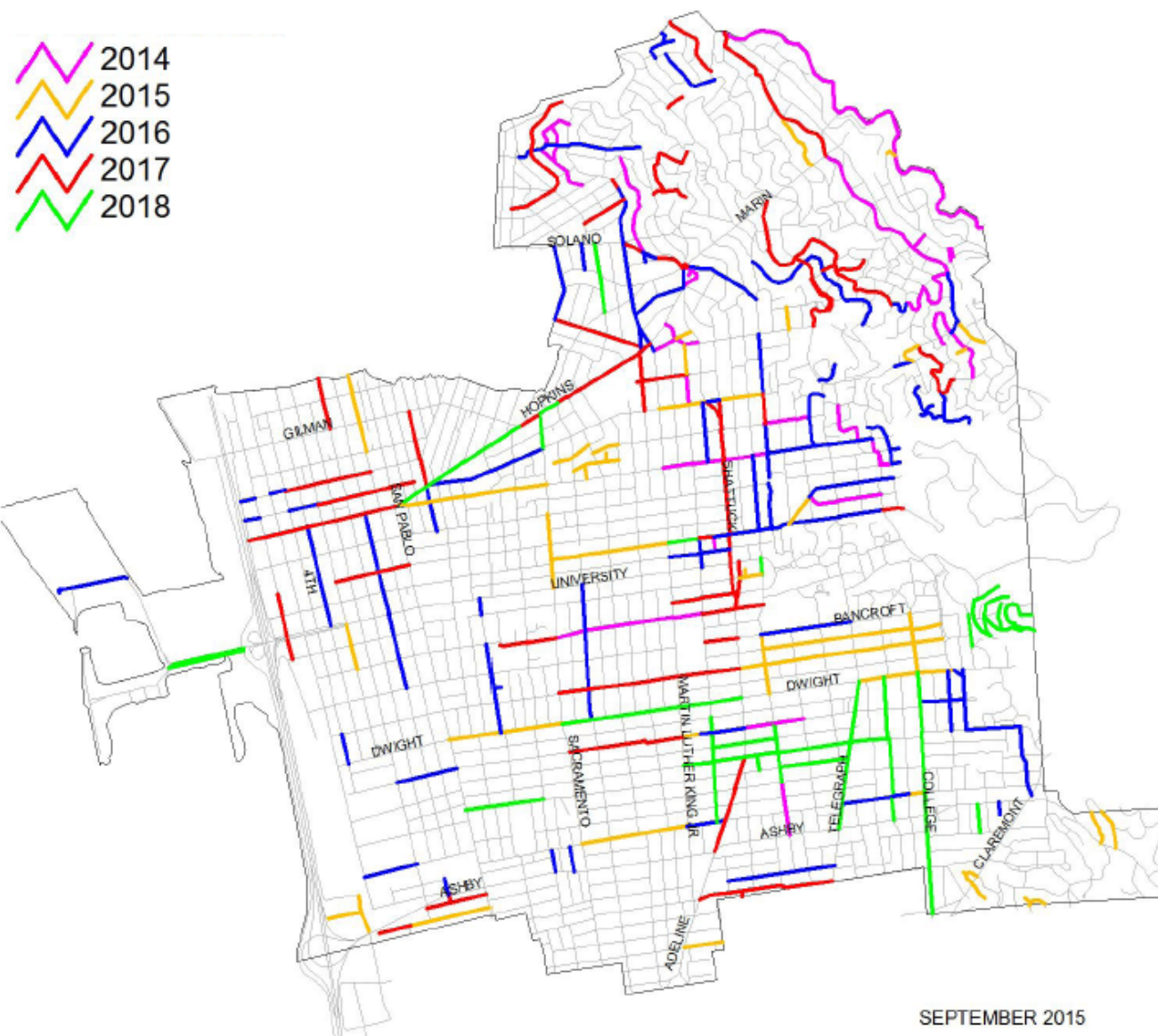


1. Projected to be complete by the end of calendar year 2015.

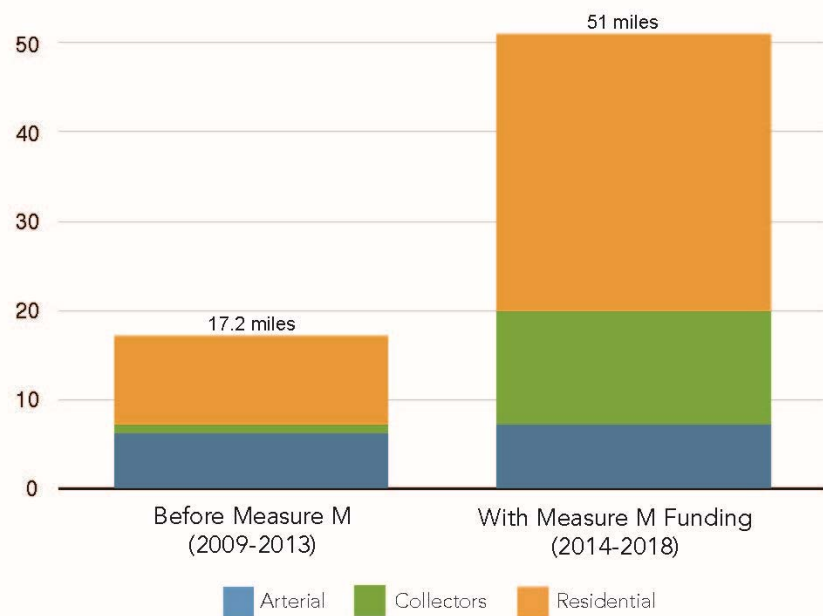
2. By the Public Works Commission and City Council.

3. By the Public Works Commission and City Council.

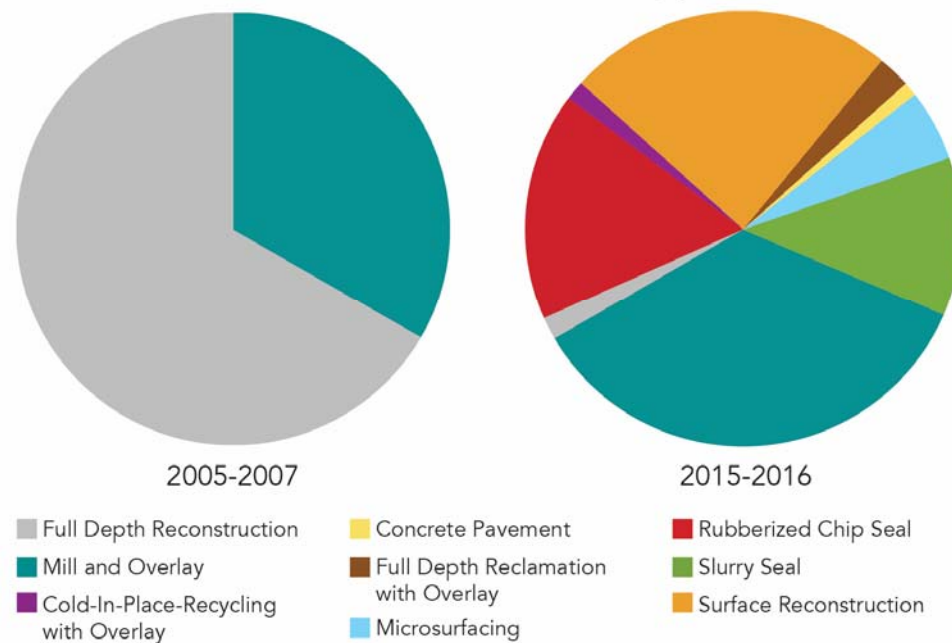
Proposed 5 Year Paving Plan 2014-2018



Miles Paved by Year and Type



Percent Miles of Treatment Type



Why Paving?



Potter Bay Bolivar 2015 - Reconstruction



10th Street 2015 – Full Depth Reclamation



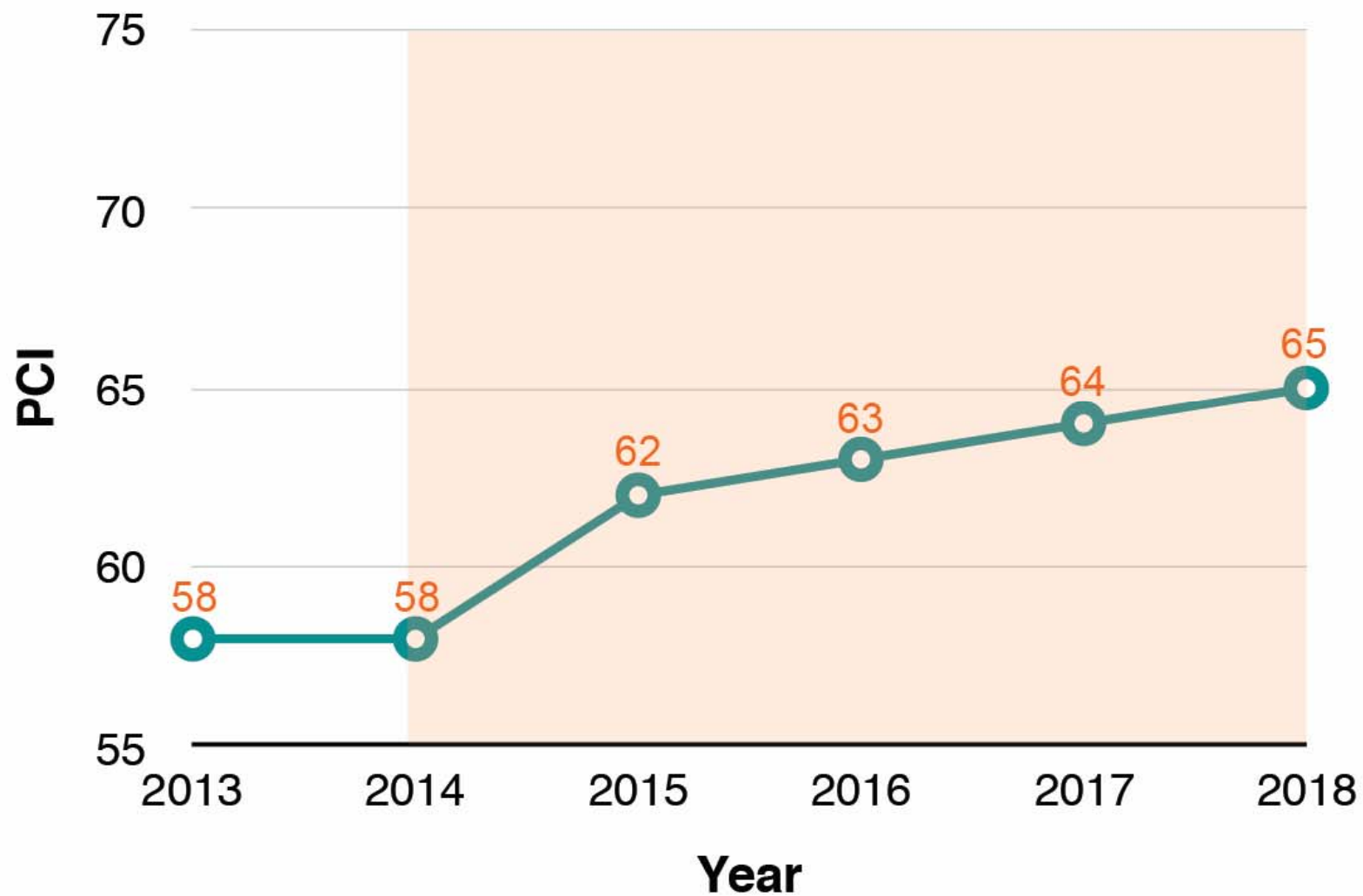
Ridge Road 2014 – Mill and Overlay



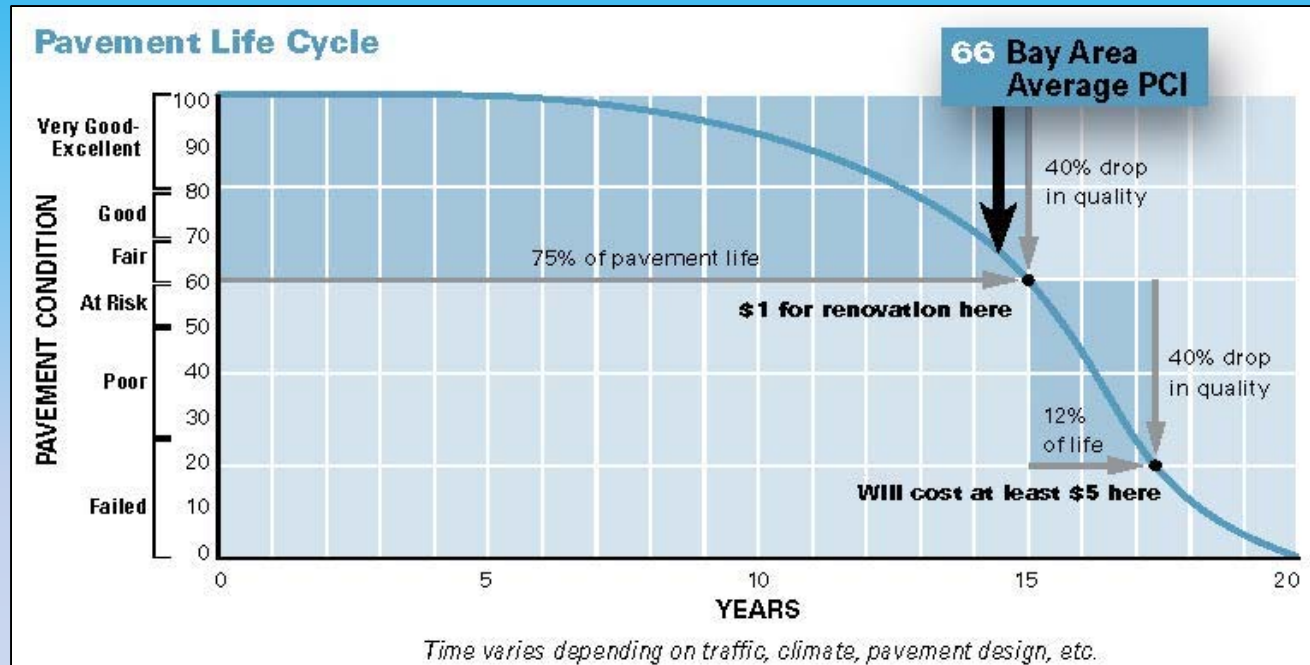
Durant 2015 - Microsurfacing



Pavement Condition Index



Pavement Life Cycle



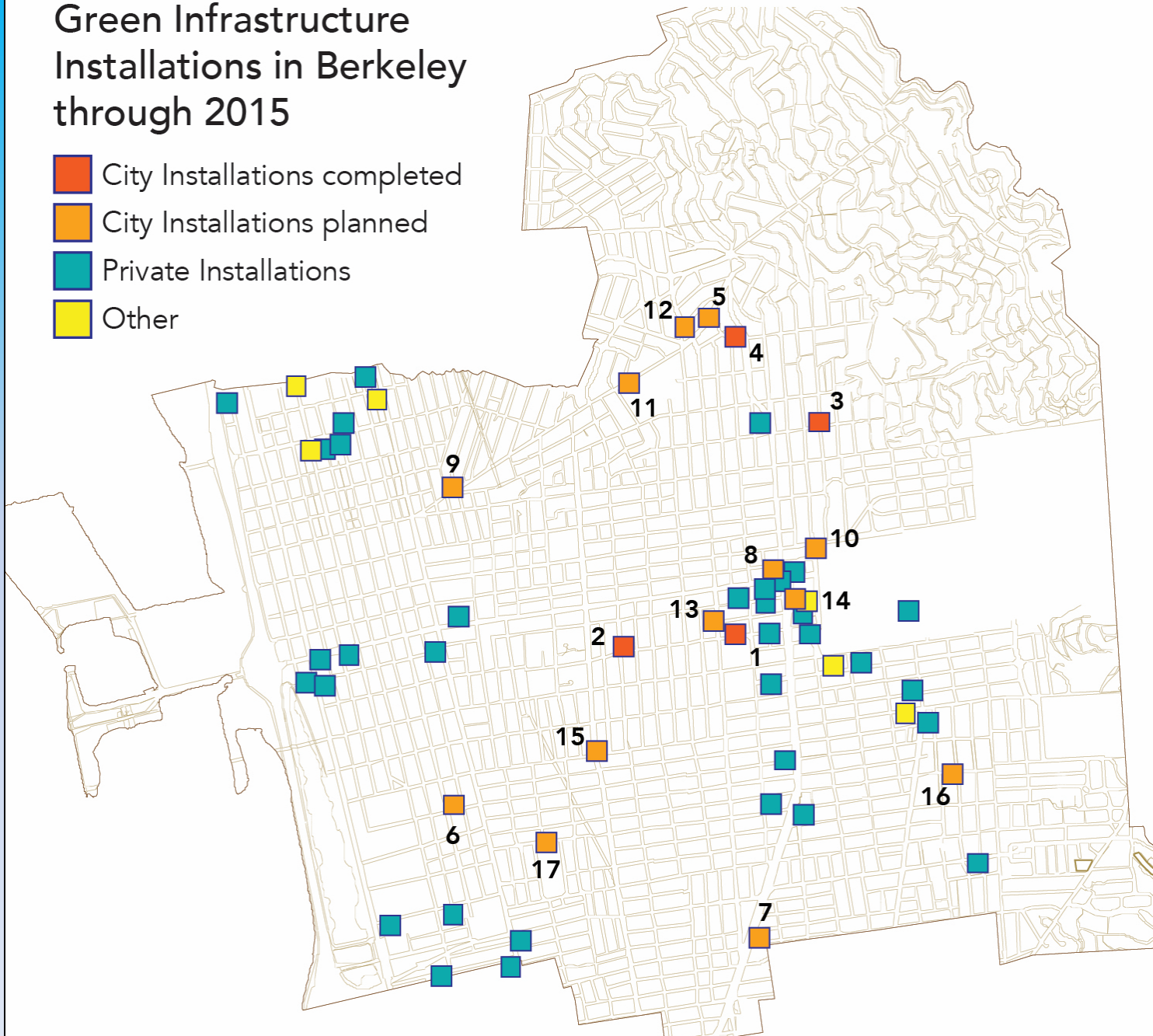
The investment of \$30M in Measure funding will save the City \$15M in additional repair costs by 2018

Why Green Infrastructure?

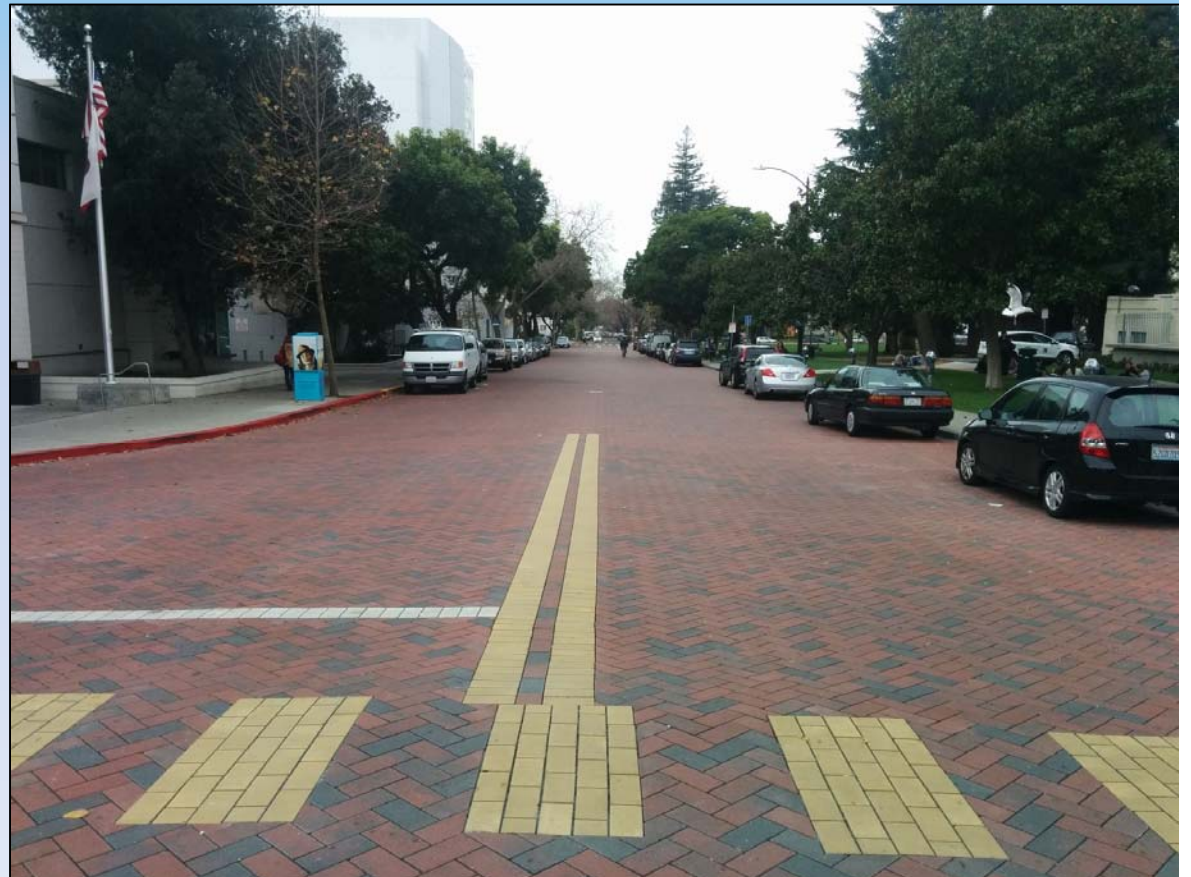


Green Infrastructure Installations in Berkeley through 2015

- City Installations completed
- City Installations planned
- Private Installations
- Other



Allston 2014



Presentation Park 2014



Milvia Eunice 2014



Vine Spruce 2014



Woolsey 2016



Hearst Complete Streets 2016



Other GI Sites Planned

Location	Year	Type
Parker – 9 th to 10 th	2016	Cistern, bioswale
University and Shattuck	2016	Permeable pavers
Rose and Hopkins	2016	Bioswale
King School Park	2017	Bioswale
North Branch Library	2017	Bioswale
Civic Center Park	2017	Bioswale
Shattuck – Center to University	2017	Permeable pavers
Dwight and Sacramento	2018	Permeable pavers
Willard Park	2018	Cistern, bioswale
San Pablo Park	2018	Bioswale

Life After Measure M

- Maintain PCI with a cost effective, innovative paving program
- Measure BB
- Seek additional funding to continue increasing PCI and installing Green Infrastructure
- Watershed Grants and other Storm Drain funding opportunities

Acknowledgments

- City Council
- Public Works, Transportation, CEAC and Disability Commissions
- PW Engineering, Operations, Admin/Fiscal Services, and Transportation Divisions
- Parks, Recreation and Waterfront Department
- City Manager's Office
- City Attorney's Office
- Fire and Police Departments
- Office of Energy and Sustainability
- Many others...

Q&A

Thank you