



# **EPA Water Quality Improvement Fund Grant Award**

**Bowers Park Parking Lot  
Improvement Project**

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## Outline of Presentation

- Regulatory Background
- EPA Grant Background
- Bowers Park Parking Lot Current Conditions
- Possible Improvements Identified
- Q&A



## Regulatory Background

- NPDES Municipal Stormwater Permit
- One of Permit priorities:
  - Water quality impacts of urbanization





Impacts of urbanization





## Regulatory Background (Continued)

### Green Stormwater Infrastructure (GSI)

- Adopted GSI Plan
- Implementation

(\*) No allocated funding



Flow-through planter

# Bioretention Facilities





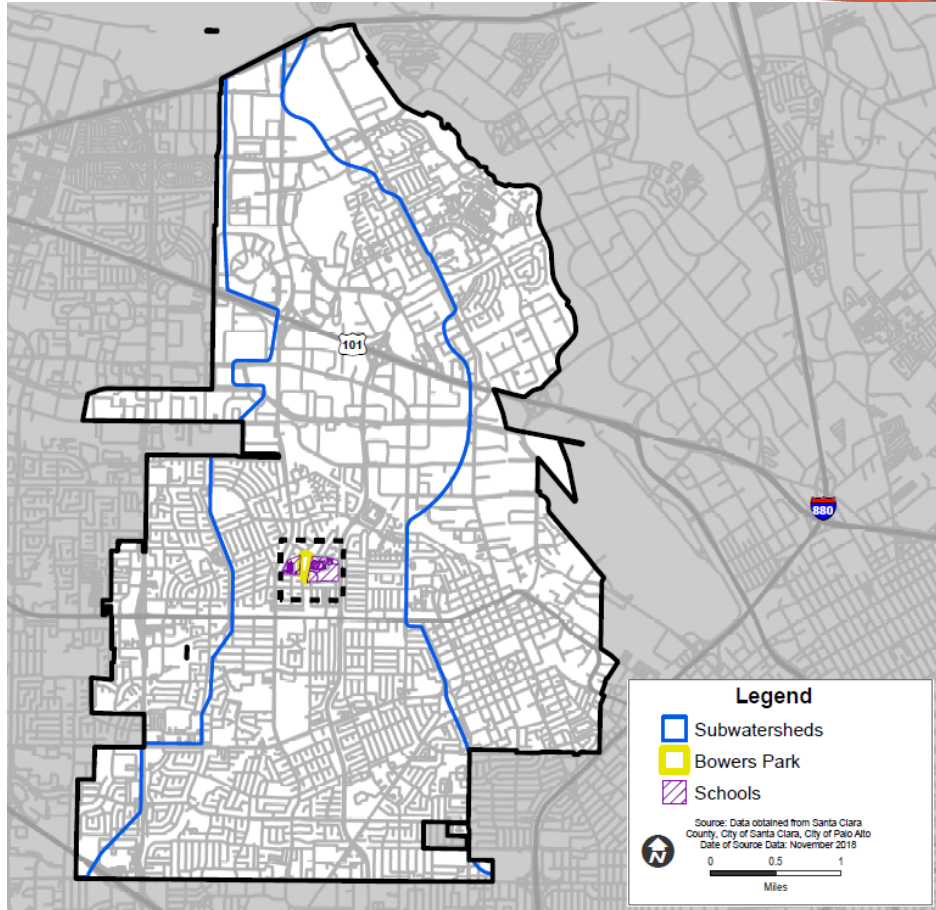
## **EPA Grant Background**

- SF Bay Water Quality Improvement Funds
  - GSI projects eligible
- Sustainable Green Parking Lots grant application
  - Partners: City of Palo Alto and SFEI
  - Scope: Retrofit parking lot, install GSI facility and public education





# Bowers Park Parking Lot







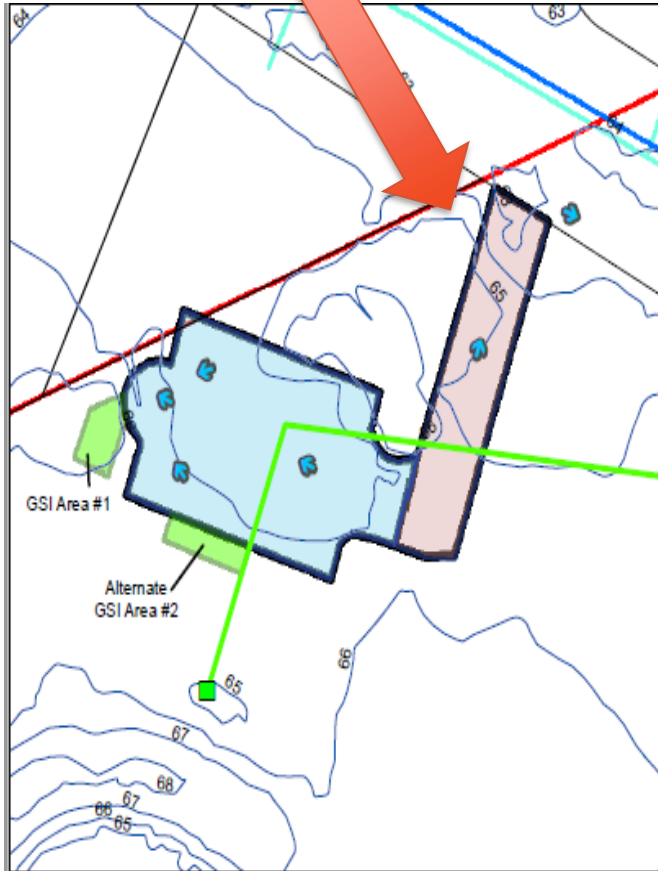
## Current Conditions



- Built in 1950's
- 15 parking stalls
- In "Poor Condition" by the 2018 Facility Condition Assessment







Narrow driveway  
off Cabrillo





## Draft GSI Concept

(Parks & Rec Dept. to  
approve on GSI  
location)



## **Possible Improvements Identified**

- Retrofit and regrade existing parking lot
- Bioretention facility
- Wider driveway aisle
- Improved pedestrian circulation
- Energy-efficient lighting
- Wayfinding and interpretive signage
- Bike parking



## Next Steps

- Seek input from Parks & Recreation Commission
- Submit Work Plan, Schedule and Budget to EPA
  - Consolidated tasks for cost savings measure
- Seek Council action to receive the grant award
- Design, construct and monitor project





**Q & A**