



Semiannual CIP Status Report July 2018 – December 2018

Treatment Plant Advisory Committee

April 11, 2019



San José-
Santa Clara
Regional
Wastewater
Facility

Program Overview: July 2018 – December 2018

- \$1.4 billion, 10-year CIP (2014-2024)
- 2018-2019 Budget: \$362 million
- 22 active projects totaling \$1.0 billion



Significant Program Activities

■ Recruitments

- 9 positions filled during this reporting period
- 15 CIP vacancies as of December 2018

■ Vendor Open House – December 2018

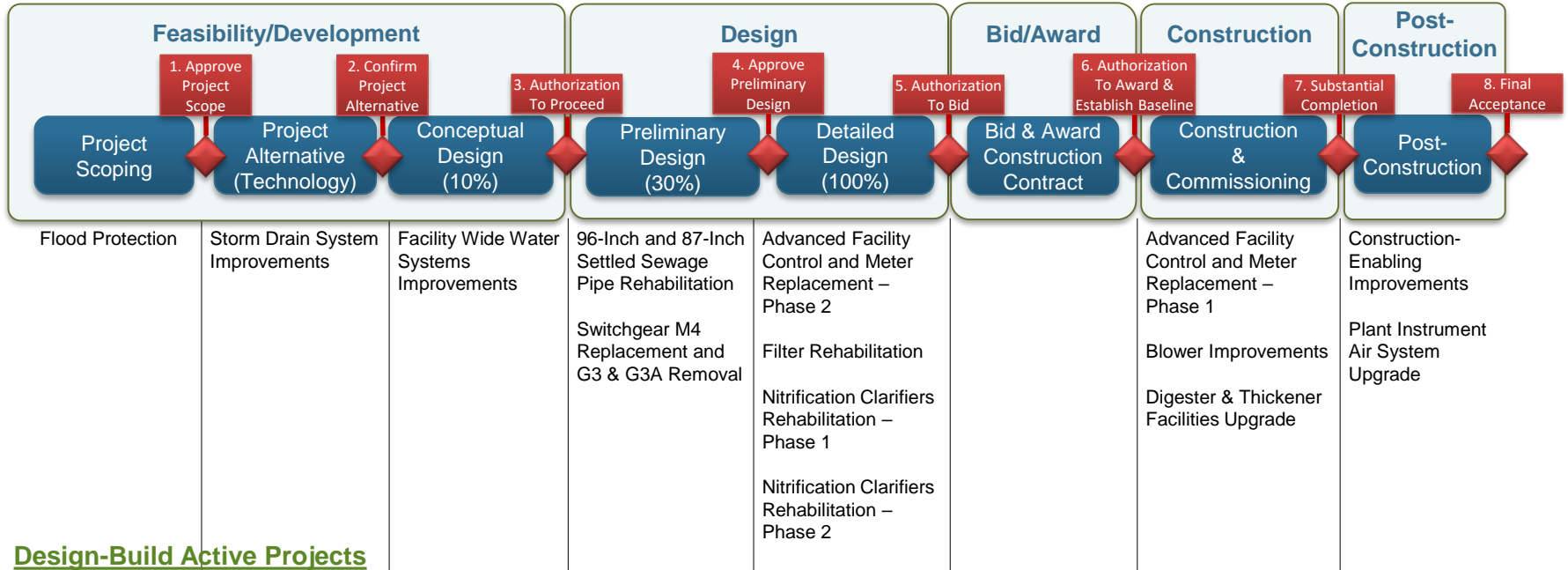
- Increase vendor awareness of upcoming construction opportunities
- 60 people representing 48 companies attended

■ Development of Hazardous Material Protocol

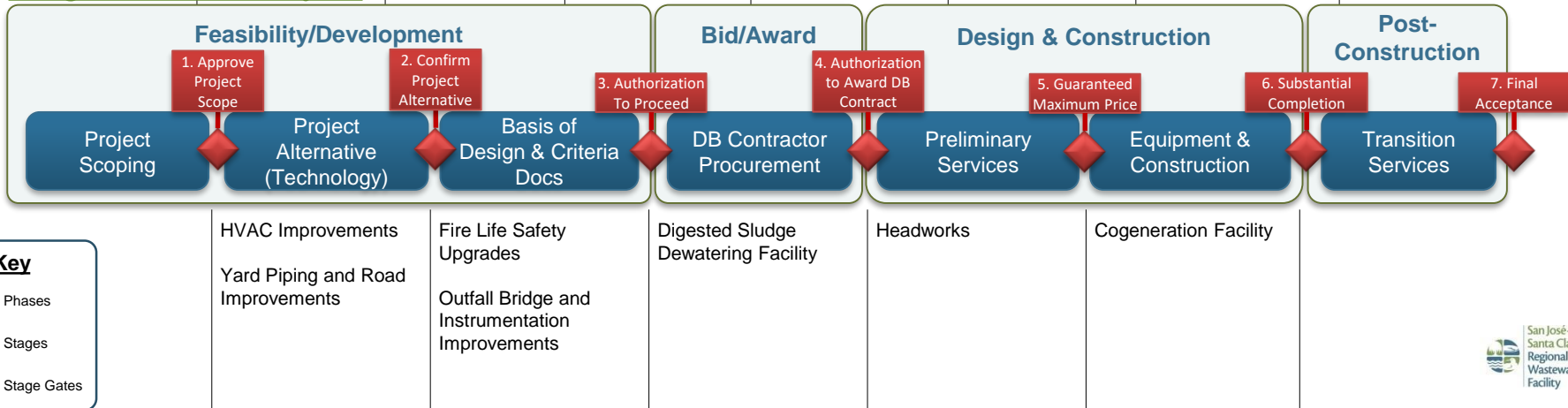
- Will provide programmatic guidance to design consultants and construction contractors for testing and mitigation
- Protocol to be completed by spring 2019

Program Snapshot

Design-Bid-Build Active Projects



Design-Build Active Projects



Key

- Phases
- Stages
- ◆ Stage Gates

Eight Projects in Feasibility/Development



- Four projects continued condition assessments
- Two projects developed project alternatives
- One design-build project in procurement
- One project in scoping

Seven Projects in Design



Preliminary Design

- 96 inch and 87 inch SES Pipe Rehabilitation
- Headworks
- Switchgear M4 Replacement and G3/G3A Removal

Detailed Design

- Advanced Facility Control Meter Replacement – Phase 2
- Filter Rehabilitation
- Nitrification Clarifiers Rehab – Phases 1 & 2

Construction Highlights – Digester Upgrades



Digester Upgrades: Overview of the new 78-in SES pipe installment.

Construction Highlights – Digester Upgrades



Digester Upgrades: Formwork for the seismic ring and concrete pour roofs for Digester 5-8.

Construction Highlights – Digester Upgrades



Digester Upgrades: Aerial overview of Piperack, DAFTS 1-6, the new thickened sludge pump canopy and new sludge screen building

Construction Highlights - Cogen Facility



Cogeneration Facility – Building Pad A & B Concrete Pour

Construction Highlights – Cogen Facility



Cogeneration Facility – Engine Placement

The Next Six Months – Project Activities

- Continue design and design-build work on six projects,
- Blower Improvements – Construction to begin in March 2019,
- Pre-Qualify general contractors, complete design and advertise the 96-inch and 87-inch Settled Sewage Pipes Rehabilitation and Nitrification Clarifiers Rehabilitation – Phase 1, and
- Digested Sludge Dewatering – Obtain Council approval to award a design build contract.

The Next Six Months – Programmatic Activities

- Amend consultant agreements for special inspection and materials testing services,
- Complete the disposition market assessment for the biosolids management program,
- Complete the program-wide protocol for hazardous materials testing and mitigation,
- Continue to fill remaining CIP vacancies, and
- Continue to develop longer term resourcing plan for construction management.