

# Exhibit to Agenda Item #1

SMUD's Long Range Asset Management Plan Update.

Board Energy Resources & Customer Services Committee and Special SMUD  
Board of Directors Meeting

Wednesday, February 16, 2022, scheduled to begin at 5:30 p.m.

Virtual Meeting Online

# Agenda

- **Long Range Asset Management Plan**
- **Individual Campus Master Plans**
  - Headquarters Campus Master Plan (2016-2018)
  - East Campus Operations Center Campus Master Plan (2018-2021)
  - Rancho Seco Campus Master Plan (2021-2022)
- **Significant Business Influences**
  - 2030 Zero Carbon Goals
  - Remote & Hybrid Work
  - Control Centers
- **2022 Initiatives**

# Long Range Asset Management Plan

Campus Master Plans identify solutions and opportunities to meet operational and aspirational goals.

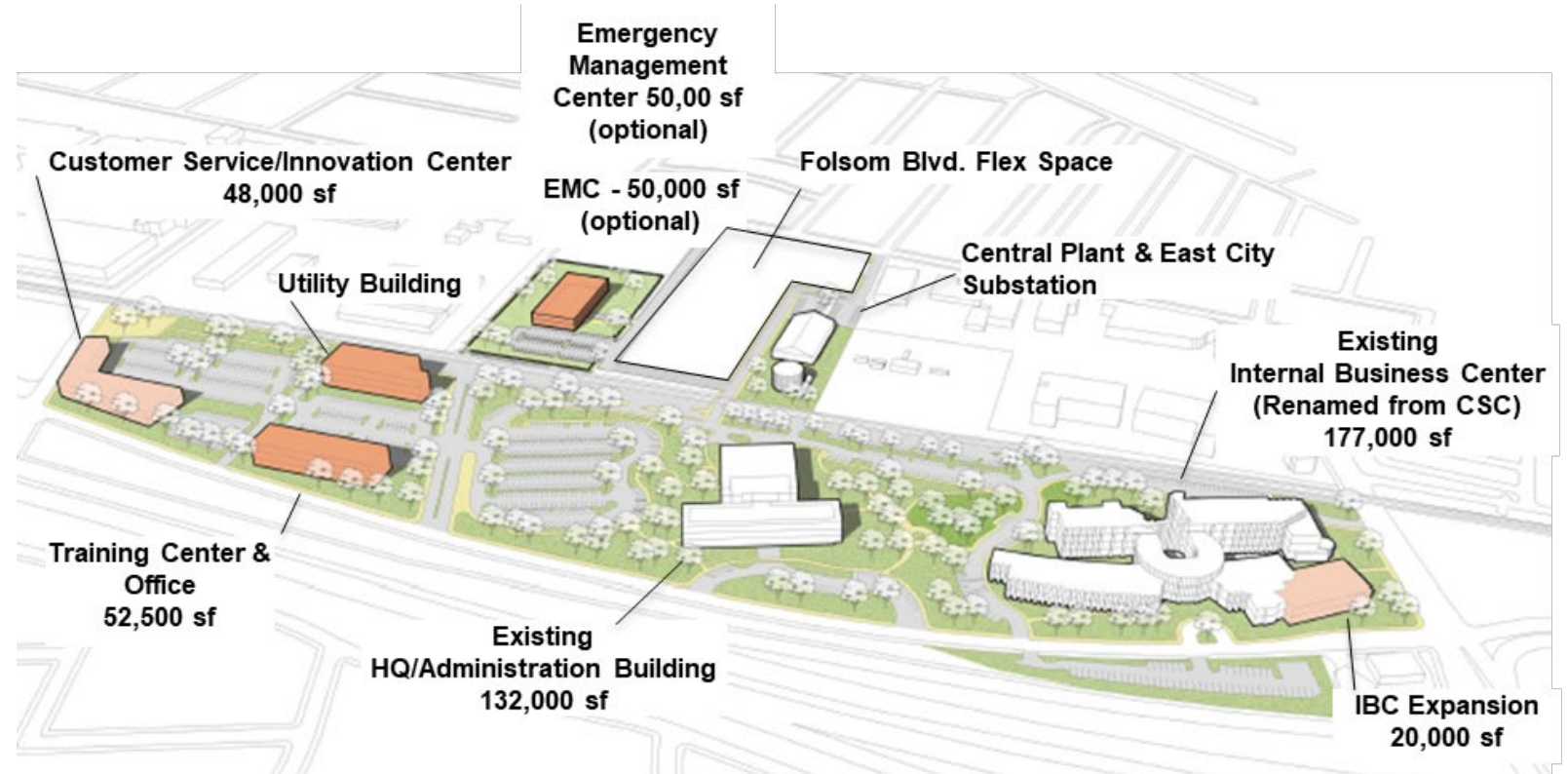
They are intended to be flexible roadmaps including:

- Strategic vision for future development
- Conceptual planning documents
- Guidelines for the physical environment, growth and transformation
- Near-term and long-term development phases



# Headquarters Campus Master Plan

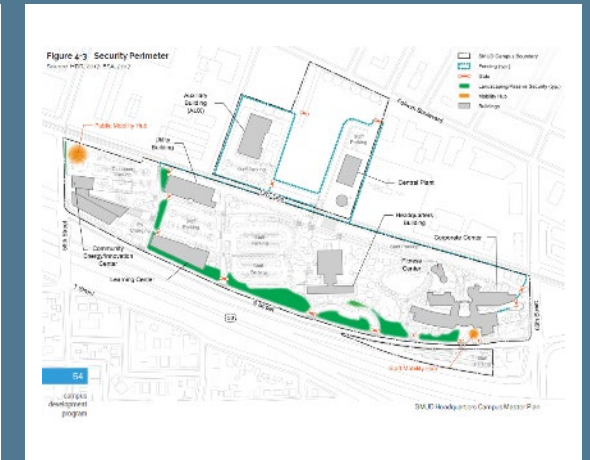
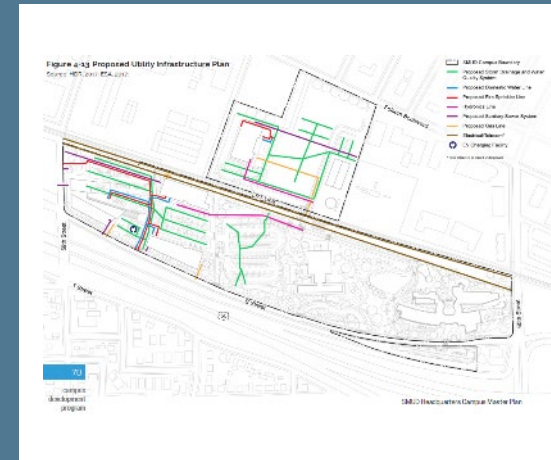
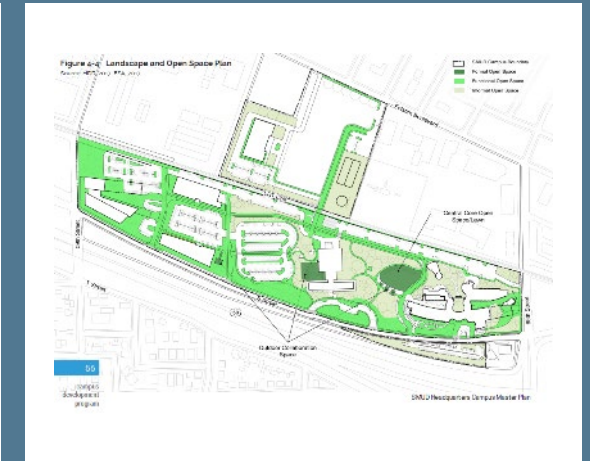
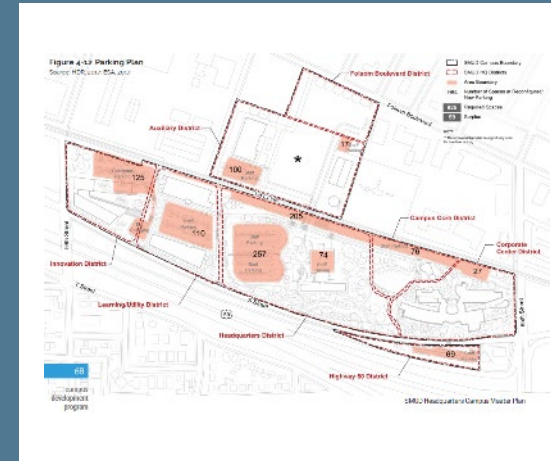
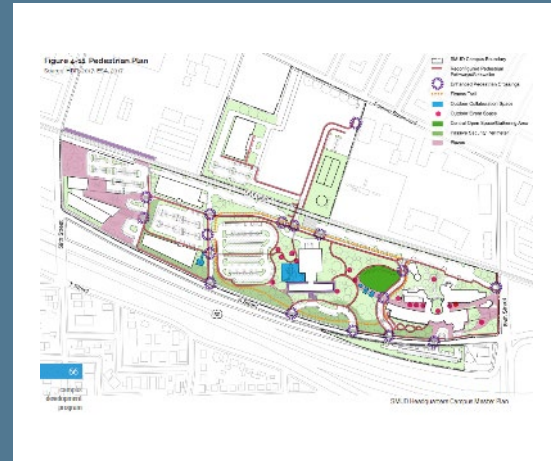
## Rendered View





# Headquarters Campus Master Plan

## Infrastructure Plans





# East Campus Operations Center Campus Master Plan

## Rendered View







# Rancho Seco Master Plan

- Provides long-term plan over the next 20 years to support streamlined development and facility maintenance.
- Creates a framework for future projects (adoption of the plan does not commit SMUD to implement future projects).

## Key considerations

- The Davis-Grunsky Act expires December 2022
- 2030 Zero Carbon Plan projects, such as: Battery Storage and transition of Cosumnes Power Plant
- Potential site projects, such as: additional solar installations and pollinator project
- Mitigation Bank and other environmental projects

# Investigation Phase

## Rancho Seco Campus Master Plan

### Discovery

- Site Visit
- Data Collection
- Research

### Internal Stakeholder Interviews

- Directors, Managers, Subject Matter Experts, and Senior Strategic Business Planners
- Virtual working sessions
- Determine operational needs & aspirational projects



### Assessments & Analysis

- Environmental Site Assessment
- Building Conditions Assessment
- Utilities Analysis

### Deliverables

- Maps, Maps, Maps
- Case Studies & Benchmarking
- Existing Conditions Report



# Solutions Phase

## Rancho Seco Campus Master Plan



### Programming & Visioning Workshop

- RS Advisory Committee
- Stakeholder Meetings Inputs
- Categorization of Information



### Developing Alternatives (Charrette)

- Example 1: Operations Priority
- Example 2: Innovation Priority
- Example 3: Community Priority



### Deliverables

- Preliminary Master Plan Alternatives
- Preferred Master Plan & Program
- Framework Diagram

# Implementation Phase Deliverables

## Rancho Seco Campus Master Plan



**Visual Simulations**



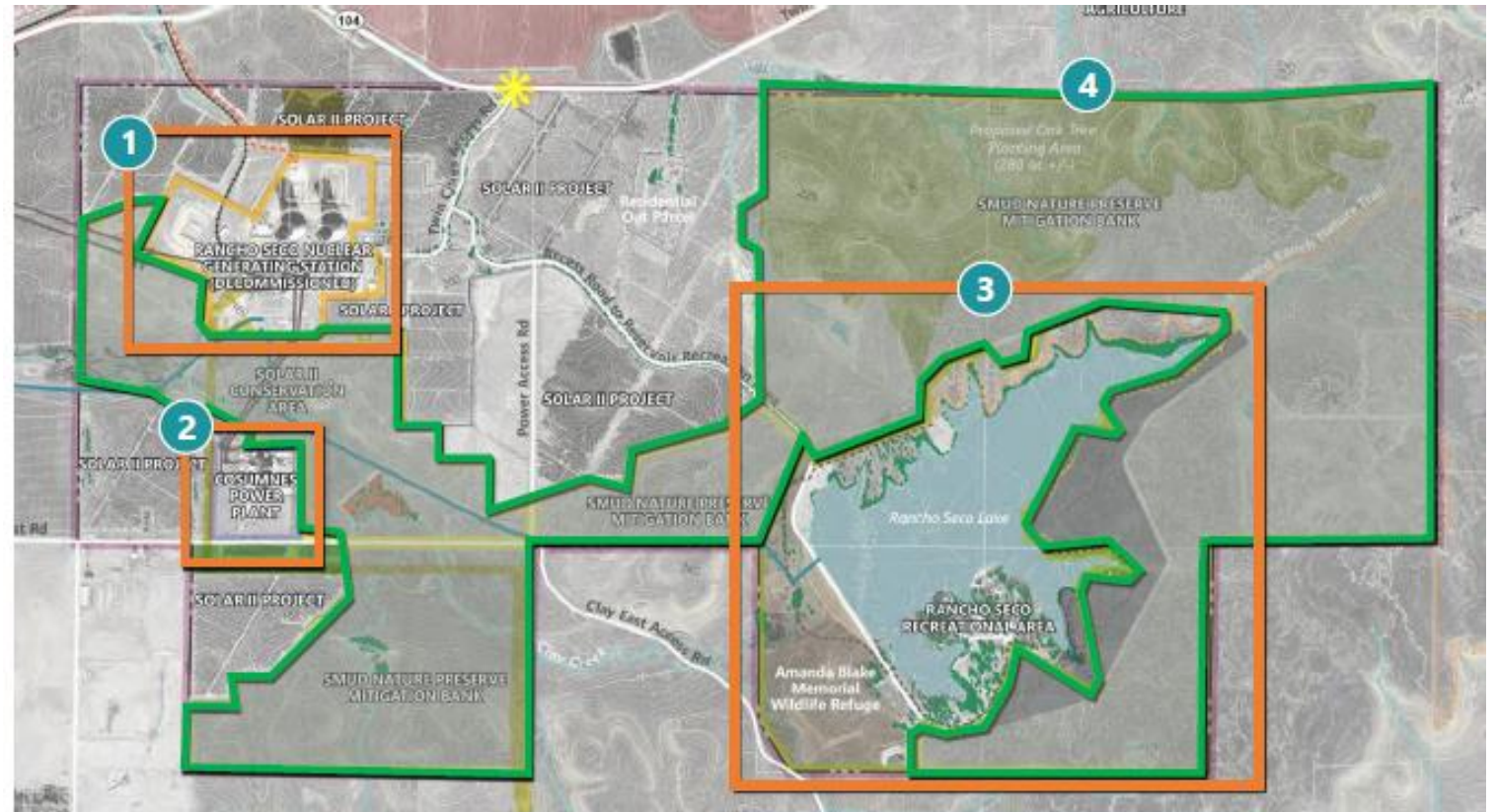
**Draft Campus Master Plan**



**Final Campus Master Plan**

# Rancho Seco Campus Master Plan

## 4 Focus Areas



① Industrial Area   ② Cosumnes Power Plant   ③ Recreational Area   ④ Preserve Areas



# Emerging Themes

## Rancho Seco Campus Master Plan



**Expand power  
generation & storage**



**Restore the native  
environment**



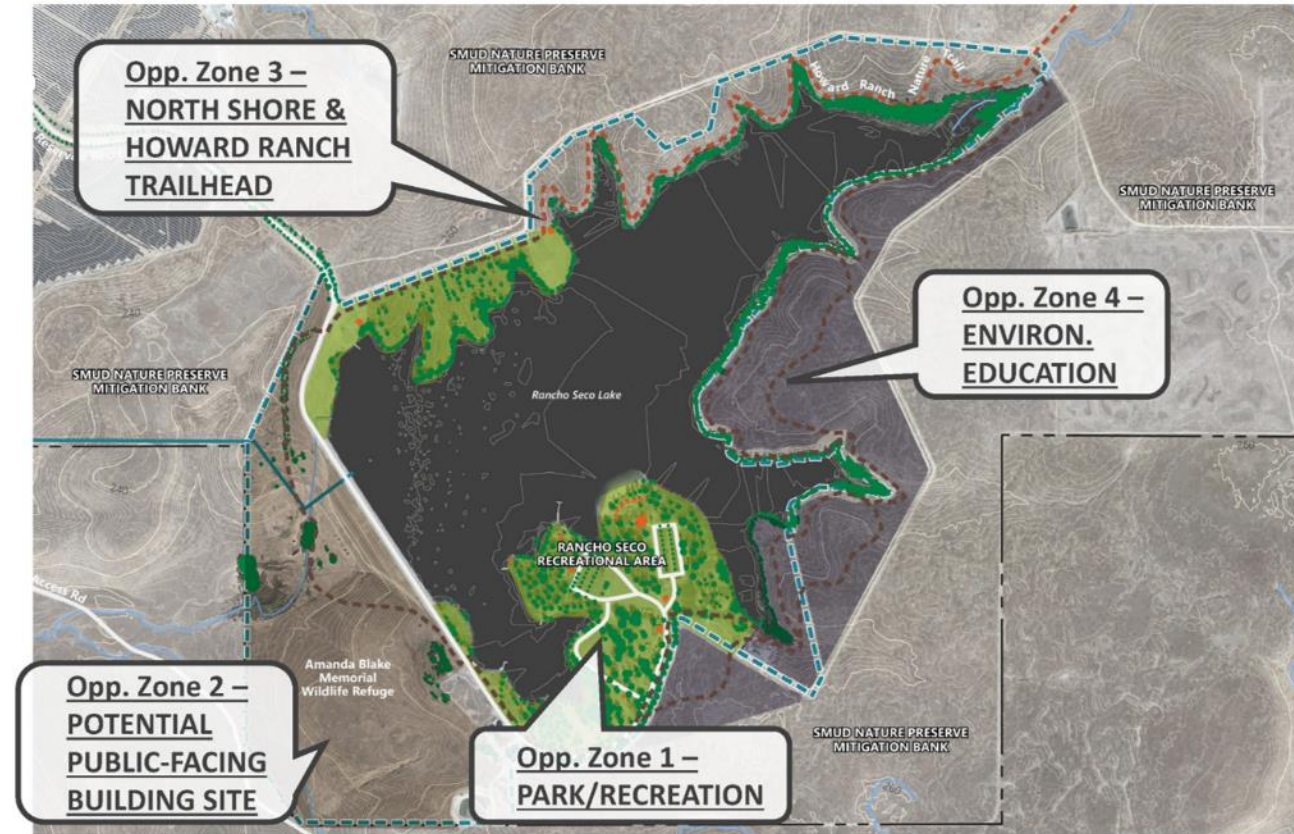
**Support community  
vitality & access**



**Explore innovation  
opportunities &  
partnerships**

# Rancho Seco Campus Master Plan

## Recreational Area



# Project Influences



**Remote &  
Hybrid  
Work**



**2030 Zero  
Carbon  
Goals**



**New Auxiliary  
Building  
(Control Centers)**



# Complete Rancho Seco Master Plan

## Master Plan progress communications:

- Mid-year check in
- Written status report
- Year-end informational presentation



# Discussion & Questions