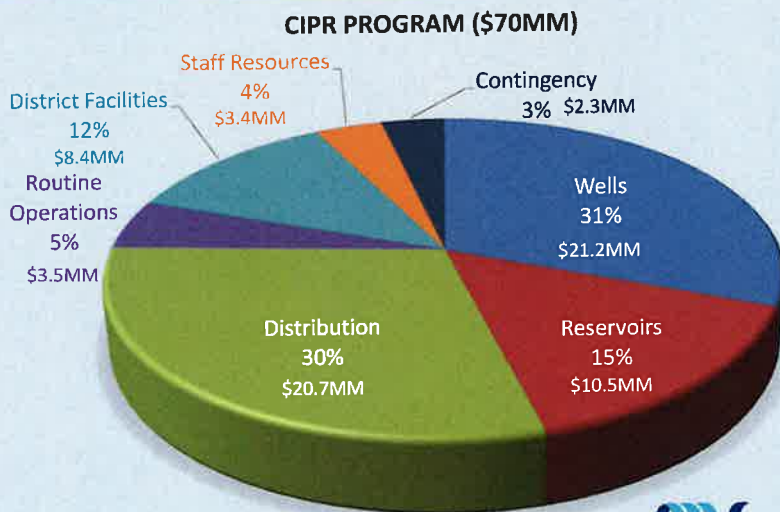




## Overview

- 5 CIPR Programs
- 17+ Projects
- FY20 through FY23



# Well Program

## Chandler and Croddy Wells and Pipeline Project

- Demolition
- Well Drilling
- Well Equipping
- Pipeline Construction



**Site Demolition**  
— Complete October 2020



**Well Drilling**  
— Croddy: Complete  
— Chandler: June 2021 Completion



3 | May 13, 2021

# Well Program



**Well Equipping**  
— NTP: April 2021  
— Completion: April 2022

- Pipeline**
- NTP: May 2021
  - Phase 1: Jan 2022
  - Phase 2: Feb 2022

Phase 2:  
2,200 LF of 16" DIP

Phase 1:  
2,300 LF of 30" DIP



4 | May 13, 2021

## Well Program

Description	Costs (\$)
<b>Revised Program Budget</b>	<b>\$21,736,000</b>
Demolition	\$291,000
Well Drilling	\$2,956,000
Well Equipping	\$12,975,000
Pipeline	\$3,938,000
Design	Prior to CIPR
Construction Management	\$1,576,000
Executed Contracts	\$21,736,000
Actual Spent to Date	\$2,058,000

5 | May 13, 2021



## Reservoir Program



**Water, Power, and Supply Chain Reliability Assessment**  
 — Approval: March 2021



**Reservoirs 1 and 2 Pump Station Upgrades Project**  
 — Final Design Complete: February 2022  
 — Construction: FY 2023

6 | May 13, 2021





# Reservoir Program

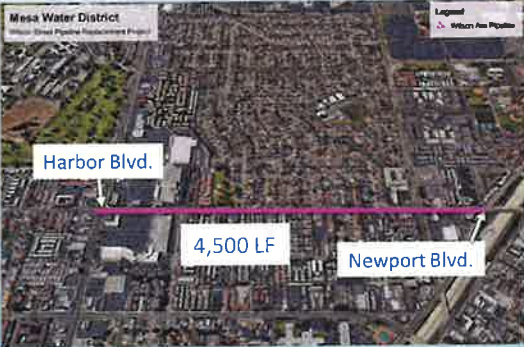
Description	Costs (\$)
<b>Revised Program Budget</b>	<b>\$10,529,000</b>
Design	\$1,135,000
Construction Management	\$1,694,000
Construction	\$7,700,000
Executed Contracts	\$1,310,000
Actual Spent to Date	\$259,000

7 | May 13, 2021



# Distribution Program

**Wilson St. Pipeline Replacement**  
— Final Design: Complete  
— Construction Award: May 2021



**1951 Cohort Pipeline Replacement**  
— Final Design: November 2021  
— Construction: Jan to Dec 2022

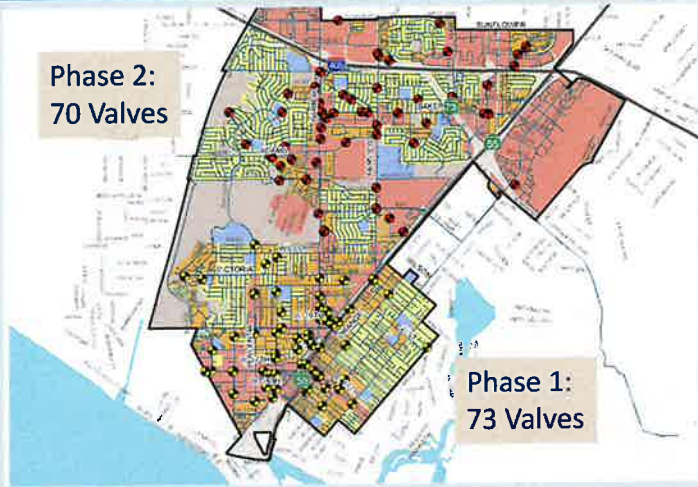
8 | May 13, 2021



## Distribution Program

### Mainline Valve Replacement Project

- Design: Jan 2021 to Oct 2021
- Phase 1 Construction: Oct 2021 to Mar 2022
- Phase 2 Construction: Apr 2022 to Sep 2022



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## Distribution Program

### Vault Rehabilitation and Abandonment Project

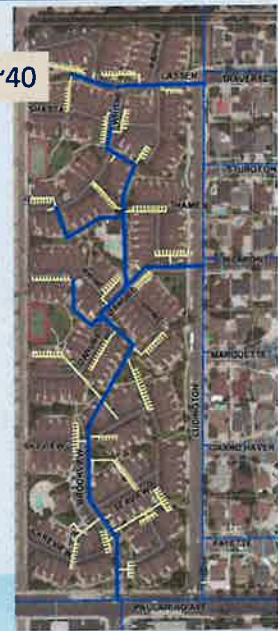
- Final Design Complete: Sept 2021
- Construction: Nov 2021 to April 2022



### Plastic Service Line Replacement Project

- Design: June 2021 to October 2021
- Construction: July 2022 to December 2022

Service Lines: ~40



10 | May 13, 2021

## Distribution Program

Description	Design	Construction Management	Construction	Costs (\$)
<b>Revised Program Budget</b>				<b>\$15,048,000</b>
Pipeline Projects	\$767,000	\$1,485,000	\$7,602,000	\$9,854,000
Vault Rehab Project	\$214,000	\$295,000	\$1,340,000	\$1,849,000
Mainline Valve Replacement	\$570,000	\$339,000	\$1,541,000	\$2,450,000
Plastic Service Lines	\$98,000	\$144,000	\$653,000	\$895,000
Executed Contracts				\$4,466,000
Actual Spent to Date				\$415,000

11 | May 13, 2021



## Routine Capital

Description	Plan Qty	Actual Qty	Plan Cost (\$)	Actual Costs (\$)
Hydrants and Mainline Valves	29	51	\$157,000	\$270,000
Service Lines	8	9	\$20,000	\$13,000
Small Meters	208	148	\$20,000	\$21,000
Large Meters	42	3	\$16,000	\$2,000
Mainline Repairs	17	6	\$51,000	\$36,000
<b>Total</b>			<b>\$264,000</b>	<b>\$342,000</b>

12 | May 13, 2021



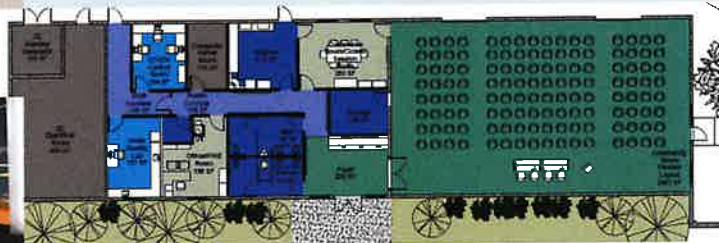


## District Facilities Program



### SCADA Control Room and Wet Lab Upgrades Project

- Design Complete: July 2021
- Construction: Sept 2021 to July 2022



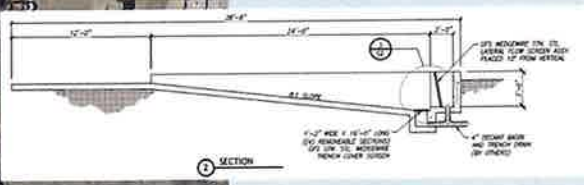
13 | May 13, 2021



## District Facilities Program



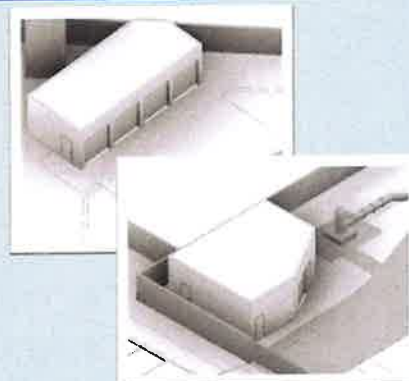
Existing Dewatering Pit



### Excavation Slurry Dewatering Pit Project

- Final Design Started: May 2021
- Construction: FY 2023

14 | May 13, 2021



### MWRF and Well Parts Storage Buildings Project

- Design Complete: July 2021
- Construction: Sept 2021 to July 2022



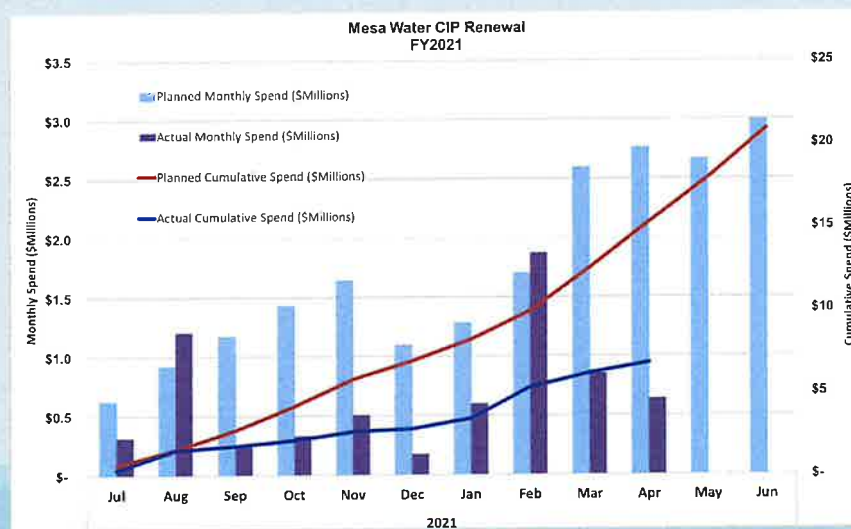
## District Facilities Program

Description	Design	Construction Management	Construction	Costs (\$)
<b>Revised Program Budget</b>				<b>\$8,443,000</b>
SCADA Control Room and Wet Labs Upgrades	\$750,000	\$409,000	\$2,730,000	\$3,889,000
MWRF Parking Improvements	-	-	\$1,392,000	\$1,392,000
Education Program Development	\$1,095,000	-	-	\$1,095,000
District-wide Security System	\$90,000	-	-	\$90,000
Storage Buildings	\$75,000	\$56,000	\$1,234,000	\$1,365,000
Excavation Slurry Dewatering Pit	\$88,000	\$95,000	\$430,000	\$613,000
Executed Contracts				\$3,440,000
Actual Spent to Date				\$1,478,000

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## FY21 Planned vs. Actual

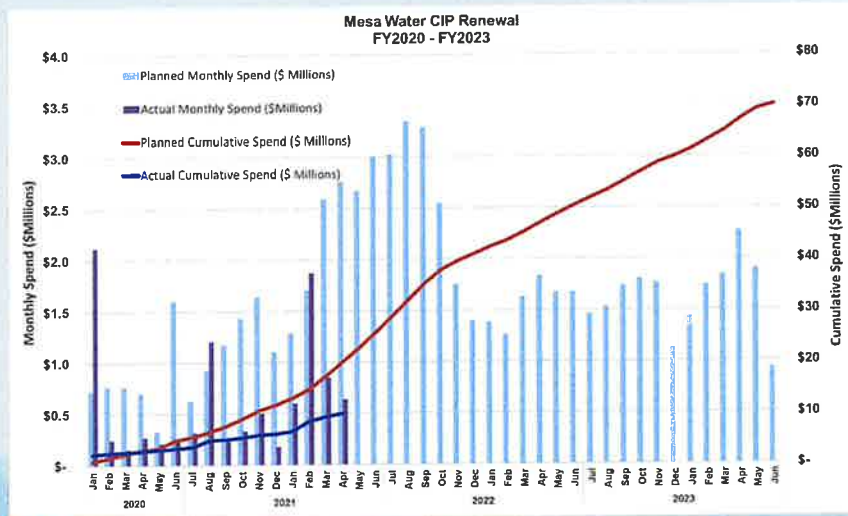


16 | May 13, 2021





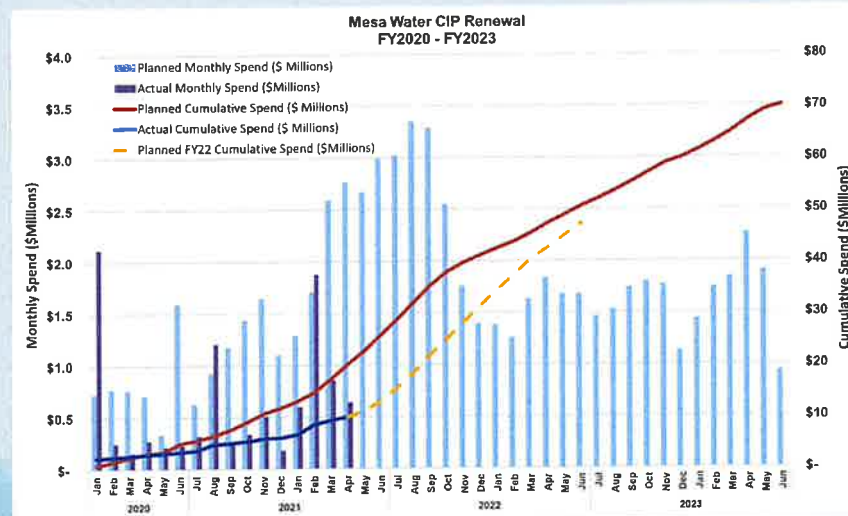
# CIPR Program Planned vs. Actual



17 | May 13, 2021



# CIPR Program FY22 Planned



18 | May 13, 2021



## Financial Summary

Description	Costs (\$)
Program Budget	\$70,000,000
Executed Contracts	\$41,249,000
Actual Spent to Date	\$9,973,000

### Challenges for CIPR Program

- Supply Chain Issues
- Highly Competitive Construction Market
- Increased Costs
- Increased time for policy development

### Mitigation Measures

- Increased Staffing
- Rearranged program schedule
- Compressed project delivery