



Santa Ana Watershed Project Authority

Sacramento Update

December 20, 2022

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Beth Olhasso



West Coast Advisors
Strategic Public Affairs

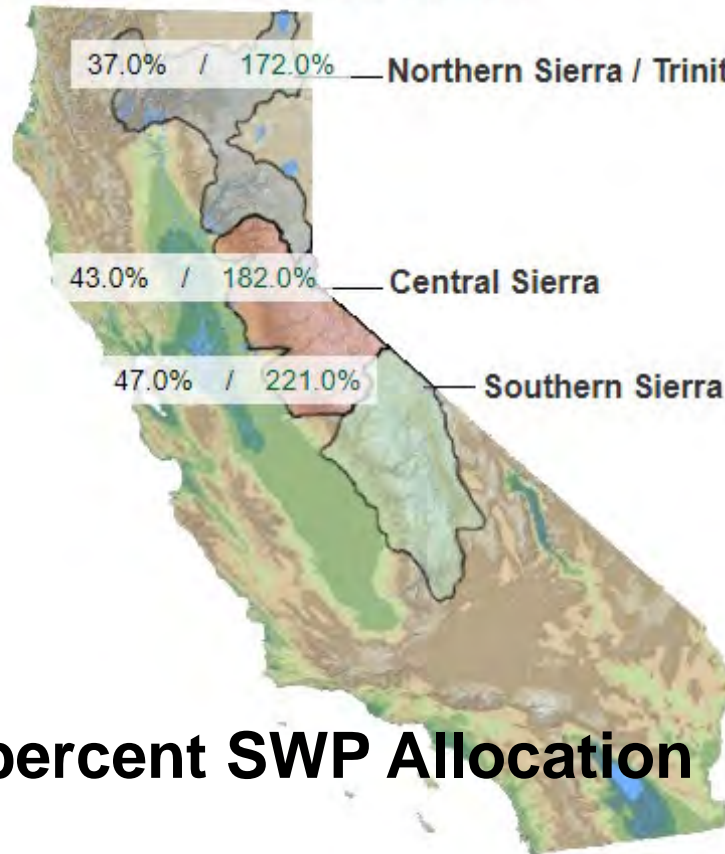
Drought/Water Supply Update

Reservoir Levels

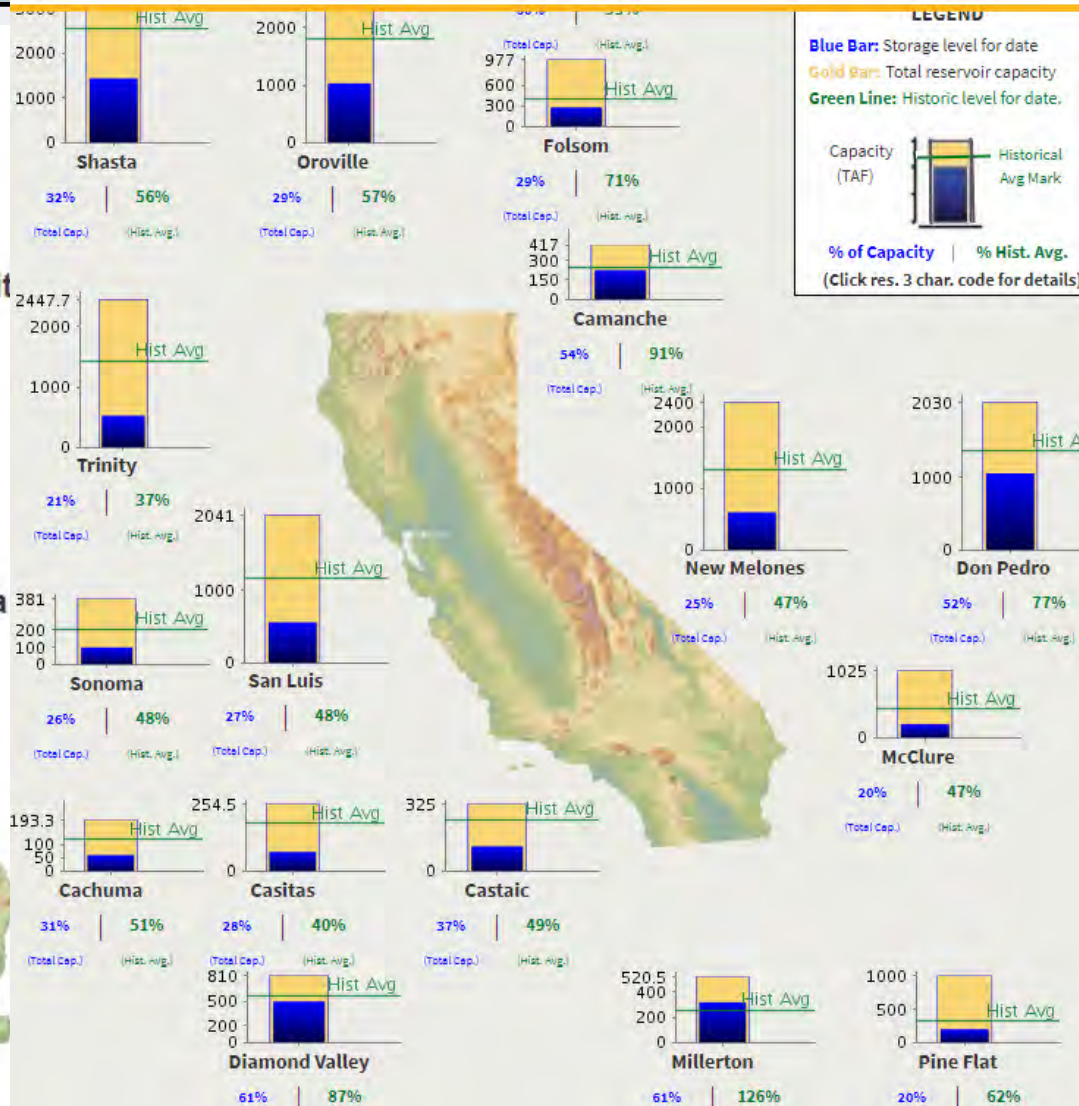
Snowpack

Data For: 16-Dec-2022

% Apr 1 Avg. / % Normal for this Date



5 percent SWP Allocation



Legislative Composition

■ Assembly

- 62 Democrats; 18 Republicans
 - Dems Gained Two Seats
 - 24 new members- 30% new
- Speaker Rendon (Lakewood) Speaker until July- Robert Rivas (Salinas) takes over

■ Senate

- 32 Democrats; 8 Republicans
 - Dems Gained One Seat
 - 10 new members- 7 new Senators; 3 former Assembly Members. 25% new
- Pro Tem Atkins (San Diego) remains in her position. at some point in the session new ProTem will be elected

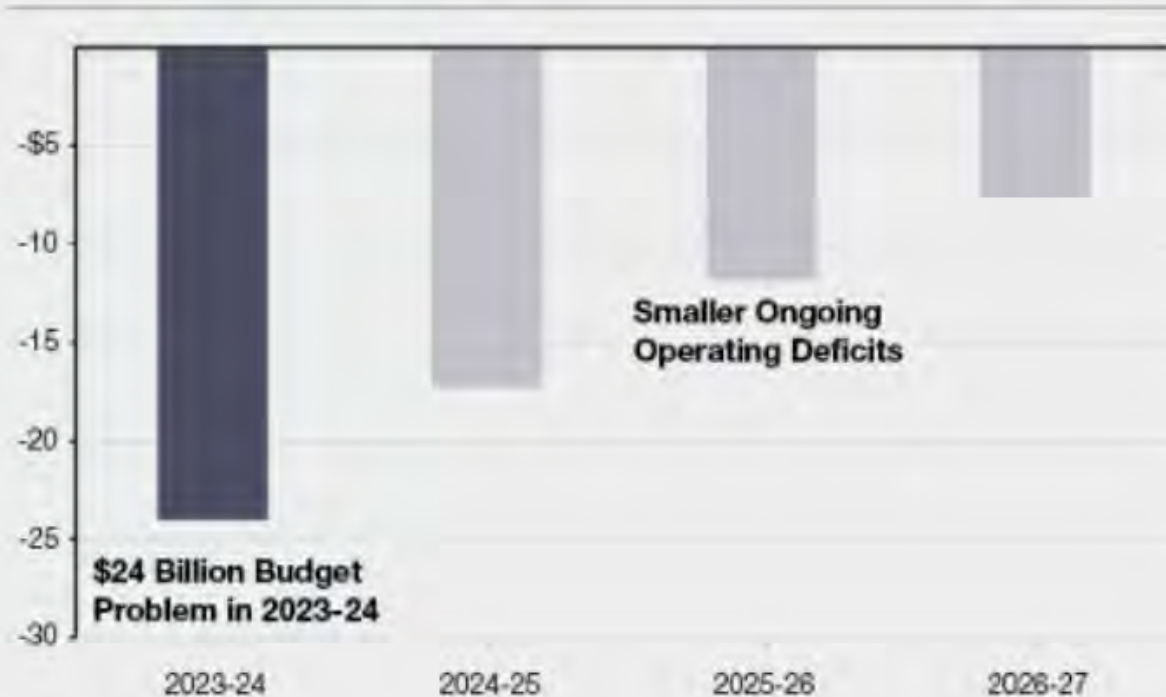


FY 2023-24 Budget- Jan 10



Figure 3

State Faces Budget Deficits Across Multiyear Period (In Billions)



POTENTIAL Legislative Committee Leadership

■ Assembly


- Water, Parks & Wildlife- Rebecca Bauer Kahan (D-Orinda)
- Env. Safety & Toxic Materials- Vacant
- Natural Resources- Luz Rivas (D-Arleta)
- Budget- Phil Ting (D- San Francisco)
 - Budget Sub 3 on Resources- Vacant

■ Senate


- Natural Resources & Water: Henry Stern (D-Calabasas)
- Environmental Quality: Ben Allen (D-Santa Monica)
- Budget: Nancy Skinner (D-Berkeley)
 - Sub 2 on Resources- Vacant



Potential Legislation

- 
- PFAS
 - Microplastics
 - Water funding/bond?
 - Low Income Water Rate Assistance

Regulatory Update

- 
- SWRCB Urban Water Use Objective
 - Striped Bass-Request to limit bass take
 - SWRCB re-adopts prohibition of wasteful water uses Emergency Regulation for Conservation
 - Advanced Clean Fleets
 - Purchase requirement starting 2024.
(CARB adoption Spring 2023)
 - CARB Scoping Plan Adopted 12/15

Thank You



Questions?



SAWPA Reserve Policy

David Ruhl, Executive Manager of Engineering and Operations

December 20, 2022 | Item No. 7.A

SAWPA Reserve Policy

Recommendation:

That the Commission approve the updated SAWPA Reserve Policy.

SAWPA General Fund Reserve Categories

NO.	RESERVE	PURPOSE
R-10	General Fund Operating Reserve	Established to provide cash flow for unbudgeted and/or unexpected expenditures and to mitigate potential delays between the time with expenditures are incurred and the time when revenues are received.
R-11	General Building Fund Reserve	Established to cover major repair/maintenance work on SAWPA's Headquarters Office.

Brine Line Current Reserve Categories (1 of 2)

NO.	RESERVE	PURPOSE
R-08	Flow Imbalance Reserve	Established to set aside funds in the event that a meter error occurs, and the discharger is over-billed.
R-09	Self-Insurance Reserve	Used to cover out-of-pocket insurance losses arising from property, general liability, and worker's compensation claims
R-01	Brine Line Operating Reserve	Established to cover temporary cash flow deficiencies as a result of timing differences between receipt of operating revenues and expenditure requirements
R-02	Debt Retirement Reserve	Used for debt service payments for State Revolving Fund loans required to build and rehabilitate the Brine Line
R-03	Rate Stabilization Reserve	Established to mitigate the effects of occasional shortfalls in revenue from such events as weather, water conservation, poor economic conditions, and unplanned rate adjustments/increases

Brine Line Current Reserve Categories (2 of 2)

NO.	RESERVE	PURPOSE
R-04	Capacity Management Reserve	Established to set aside 100% of the funding derived from pipeline capacity sales to provide funds for future capacity needs within the Brine Line.
R-05	OC San Future Capacity Reserve	Used to purchase additional OC San wastewater treatment plant and outfall disposal capacity rights
R-06	OC San Rehabilitation Reserve	Established to fund SAWPA's share of capital costs associated with its proportionate share of capacity in the OC San SARI
R-07	Pipeline Replacement Reserve	Established to provide capital replacement funding as the Brine Line System's infrastructure deteriorates over its expected useful life. Manages risk associated with emergency reserves as well.

Reserve Policy Scope of Work

Brine Line Reserves

Contracted with Raftelis to review Reserve Policy and Brine Line Reserves (Nov 2021):

- Review reserve policies and fund balance requirements for each reserve
- Recommend minimum, maximum, and target reserve levels
- Recommend methodology to determine reserve levels and provide basis for recommendation



Member Agency Coordination

Date	Stakeholders	Topics
1-25-2022	CFOs	Overview of Reserves and Recommendations
2-8-22	GMs	Overview of Reserves and Recommendations
3-1-2022	CFOs	Eliminate, Combine, or Keep each of the various reserves. Who manages OC San Rehabilitation reserve. Review of OC San Agreements
3-31-2022	CFOs	Suggested funding levels: Pipeline Replacement, Operating, Debt, Capacity Management
5-2-2022	CFOs	Brine Line Rate Setting Process
5-12-2022	CFOs	OC San Rehabilitation, Pipeline Replacement
7-11-2022	CFOs	OC San Rehabilitation, Pipeline, OC San Future Capacity, Capacity Management
9-1-2022	CFOs	Review Draft Memo with Recommendations
10-11-2022	GMs	Review Draft Memo and Reserve Policy with Recommendations
11-1-2022	PA-24	Present Draft Memo and Reserve Policy Update
11-1-2022	PA-24	Approve Reserve Policy
11-15-2022	Commission	Approve Reserve Policy

Summary of Recommendations

Brine Line and General Fund Reserves

- Update the purpose and eliminate outdated language
- Add additional language
 - Identifying the funding source for each reserve
 - Describing minimum, target and maximum reserve levels
- Add additional language to involve member agencies in the review
 - Annual funding amounts for each reserve
 - Timing for each reserve to achieve its target levels
 - Funding above the target level for each reserve, if applicable

Summary of Recommendations (1 of 2)

Brine Line Reserves

- Maintain 6 reserves, rename 4 to provide greater clarity, and add ID numbers
 - Brine Line Operating (R-01)
 - Debt Retirement (R-02)
 - Pipeline Capacity Management (R-04), formerly Capacity Management
 - OC San Future Treatment and Disposal Capacity (R-05), formerly OCSD Future Capacity
 - OC San Pipeline Rehabilitation (R-06), formerly OCSD Rehabilitation
 - Pipeline Replacement and Capital Investment (R-07), formerly Pipeline Replacement
- Establish minimum, target and maximum levels for each reserve
 - Establish methodology for setting reserve levels

Summary of Recommendations (2 of 2)

Brine Line Reserves

- Eliminate 3 reserves that were either duplicative or low-risk and can be covered by other reserves
 - Rate Stabilization (R-03)
 - Flow Imbalance (R-08)
 - Self-Insurance (R-09)
- Combine the functions of the 3 eliminated reserves with other reserves and transfer the reserve funds to Pipeline Replacement and Capital Investment Reserve (R-07)
- Add language to include PA 24 as the authority to amend and revise the Reserve Policy for reserves pertaining to the Brine Line

SAWPA Reserve Policy

Recommendation:

That the Commission approve the updated SAWPA Reserve Policy.

Questions?

Ambient Water Quality Update Pilot Study - Consultant Support

Mark Norton, Special Projects Manager

SAWPA Commission | December 20, 2022

Item No. 7.C



Recommendation

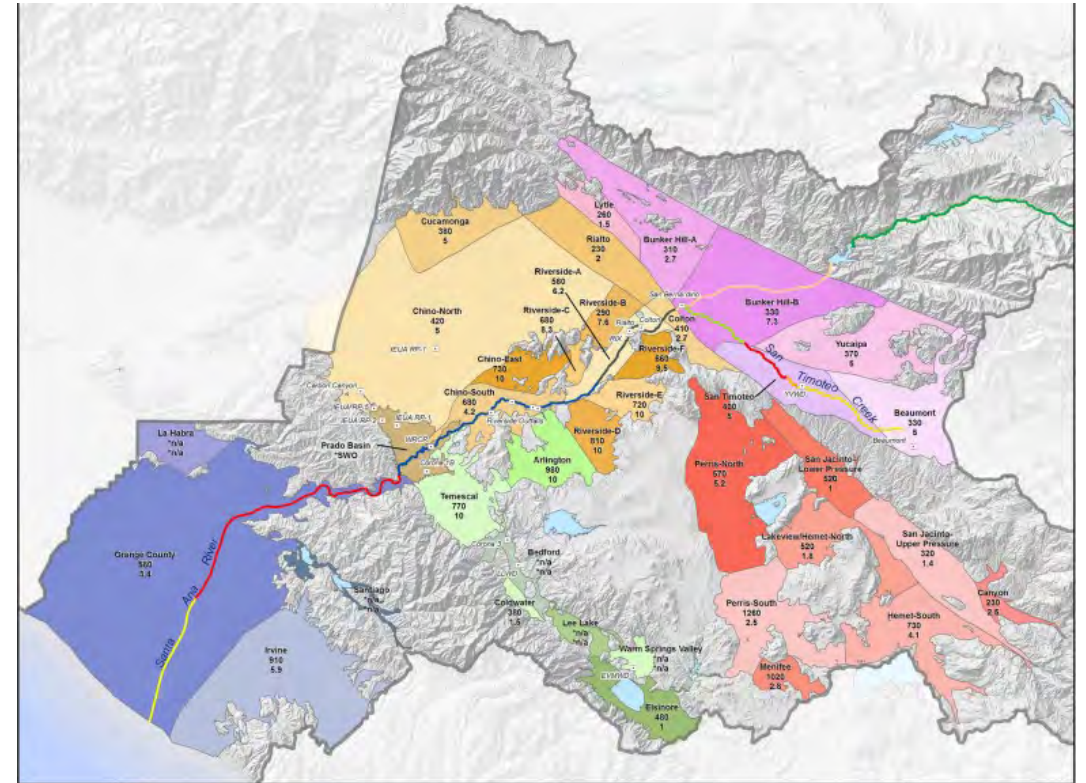
- That the Commission authorize the General Manager to execute Task Order WEST374-02 for an amount not-to-exceed \$339,960 with West Yost to conduct work to assist the Basin Monitoring Program Task Force to implement the Ambient Water Quality Pilot Study for TDS and Nitrogen.

Basin Monitoring Program Task Force

SAWPA authorized agreement in 2004

Description

- Conducts analysis of TDS and nitrate in watershed groundwater every three years to identify trends
- Annual Santa Ana River (SAR) water quality report
- SAR Wasteload Allocation to confirm compliance of river discharges with ground water quality objectives
- Salt and nitrogen investigations as necessary



Basin Monitoring Program Task Force

Eastern Municipal Water District	Chino Basin Watermaster
Inland Empire Utilities Agency	Yucaipa Valley Water District
Orange County Water District	City of Beaumont
City of Riverside	City of Corona
Lee Lake Water District	City of Redlands
Elsinore Valley Municipal Water District	City of Rialto
Irvine Ranch Water District	Jurupa Community Services District
Colton/San Bernardino Regional Tertiary Treatment and Wastewater Reclamation	Western Riverside Co Regional Wastewater Authority/WMWD
*San Bernardino Valley Municipal Water District	*City of Banning
* San Gorgonio Pass Water Agency	* Beaumont Cherry Valley Water District

- Four new agencies added in 2015
- Santa Ana Regional Board also a non-funding task force agency

Recent and Future Deliverables

- Completed Santa Ana River (SAR) Wasteload Allocation – June 2019
- Basin Plan Amendment and Supplemental Environmental Document prepared for SAR Wasteload Allocation - Sept. 2019
- Basin Plan Amendment approved by Regional Board in Dec. 2021, SWRCB in Jun 2022
- Drought Policy based on So Cal Salinity Coalition technical work incorporated in Basin Plan Amendment
- Existing WWTP permits were extended to meet new SAR Wasteload Allocation



Task Force Planning Priorities

- West Yost was hired in June 2021 through a competitive selection process to assist Task Force in scoping planning priorities for the coming four years
- Focus of work sought to ensure compliance with State Board 2019 Recycled Water Policy for Salt Nutrient Management Plans
 - Annual Santa Ana River Water Quality Report
 - Triennial Ambient Water Quality Update
 - Santa Ana River TDS Exceedances Investigation at Prado Dam



Scoping and Sole Source Selection

- As part of agreement with Regional Board, Task Force agreed to conduct Ambient Water Quality Update Pilot by the due date of next AWQ Update deliverable, October 2023
- Scoping Committee consisting of task force agencies agreed that contracting with a team of consultants with expertise in conducting ambient water quality updates for SAWPA was preferred in light of tight schedule
- West Yost agreed to reach out to two past firms that had conducted ambient water quality updates to develop proposal for pilot. The firms included the following:
 - **Water Systems Consulting Inc. (WSC)**
 - **Daniel B. Stephens, Inc. (DBS)**
- Task Force preferred to have one firm in lead role with other two firms, WSC and DBS, as subconsultants
- Proposal was reviewed and updated by Task Force
- Task Force is unanimous in their recommendation to select West Yost Inc. with WSC and DBS as subconsultants, to SAWPA for authorization



Objectives and Intended Outcomes

- Update the Task Force's database by collecting the TDS and nitrate data for all wells in the 35 Groundwater Management Zones (GMZ) for the last three years
- Pilot alternative methods to compute Ambient Water Quality (AWQ) and assimilative capacity in 11 GMZs
- Pilot the process to update the aquifer storage model, map land use, recycled water, recharge facilities, and other relevant GMZ activities for data interpretation
- Define the recommended technical methodology for future AWQ and assimilative capacity assessments
- Refine the schedule and scope of work that needs to be performed every five years through FY 2028/29 to comply with the Basin Plan Salt & Nutrient Mgt (SNMP) Plan
- Complete the five-year update of the AWQ and assimilative capacity assessment due to the Santa Ana Water Board on October 1, 2028
- Perform other work to five-year assessment of the Basin Plan SNMP due April 2029, including reassessing new data gaps in the monitoring network



Recommendation

- That the Commission authorize the General Manager to execute Task Order WEST374-02 for an amount not-to-exceed \$339,960 with West Yost to conduct work to assist the Basin Monitoring Program Task Force to implement the Ambient Water Quality Pilot Study for TDS and Nitrogen.

SAWPA Building Phase 3 - Lobby Security Improvements

December 20, 2022



Recommendation

Direct the General Manager to prepare bid documents for the SAWPA Lobby Security Improvements project including associated ADA improvements

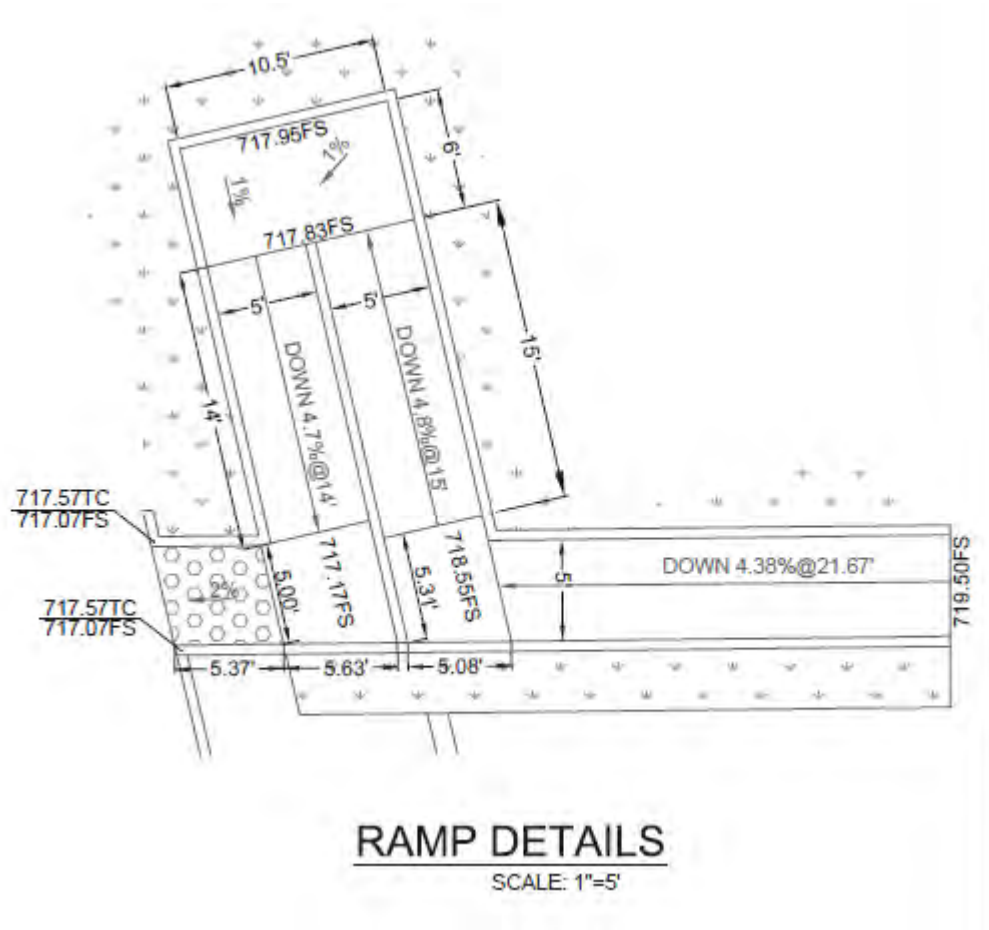
Project Drivers

- Harden the entrance to add a layer of security
- Maintain open lobby during business hours
- Improve functionality and appearance of reception work area
- Improvements consistent with prior Phase 1 and 2

Process

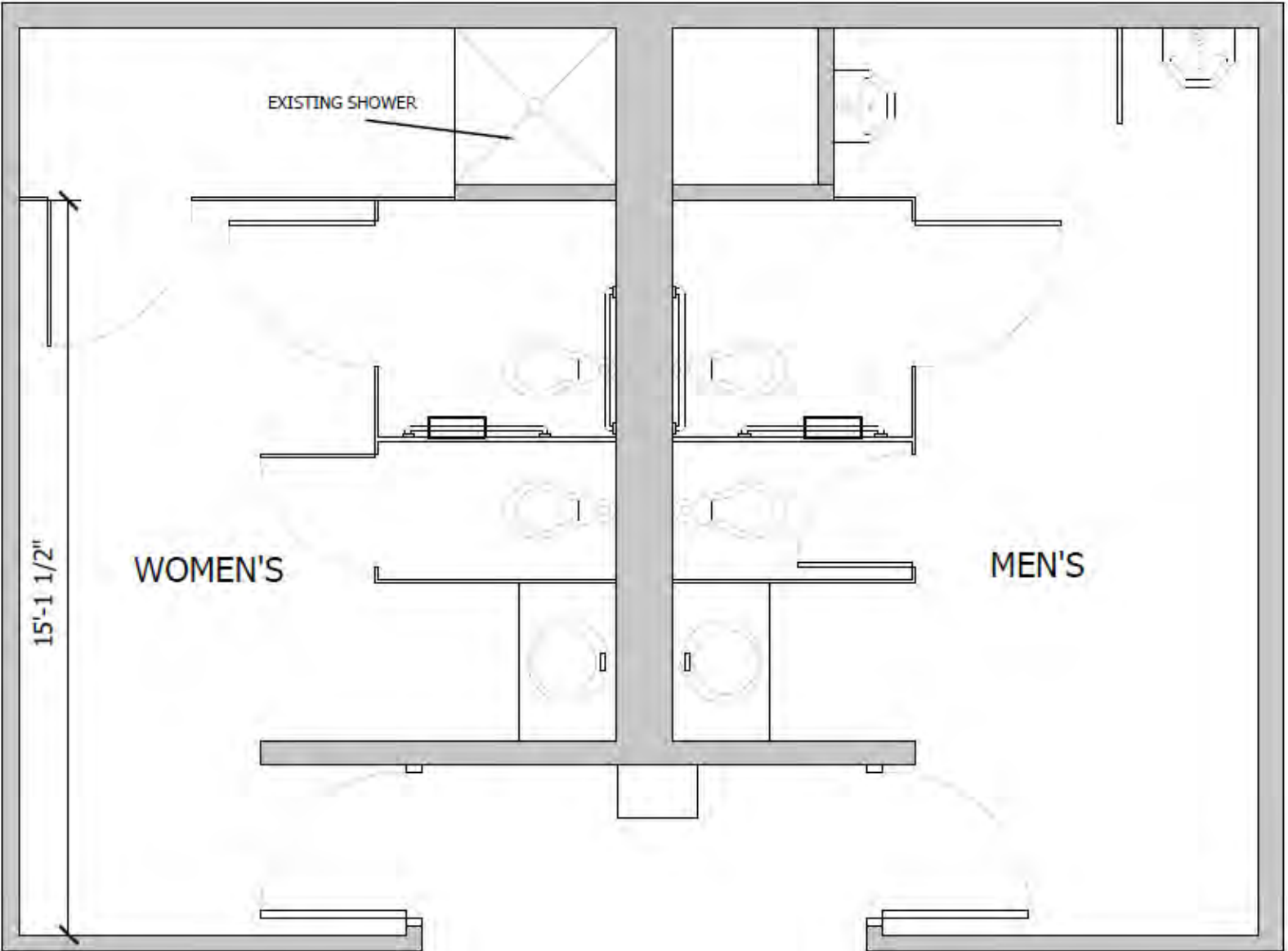
- Issued a Task Order to Gillis + Panichapan Architects
- Initiated Accessibility Compliance Report
- Identified ADA improvements: exterior entrance and first-floor restrooms
- Engaged survey team and civil engineer to design exterior entrance improvements
- Worked with Gillis + Panichapan on restrooms redesign

Exterior Entrance Redesign

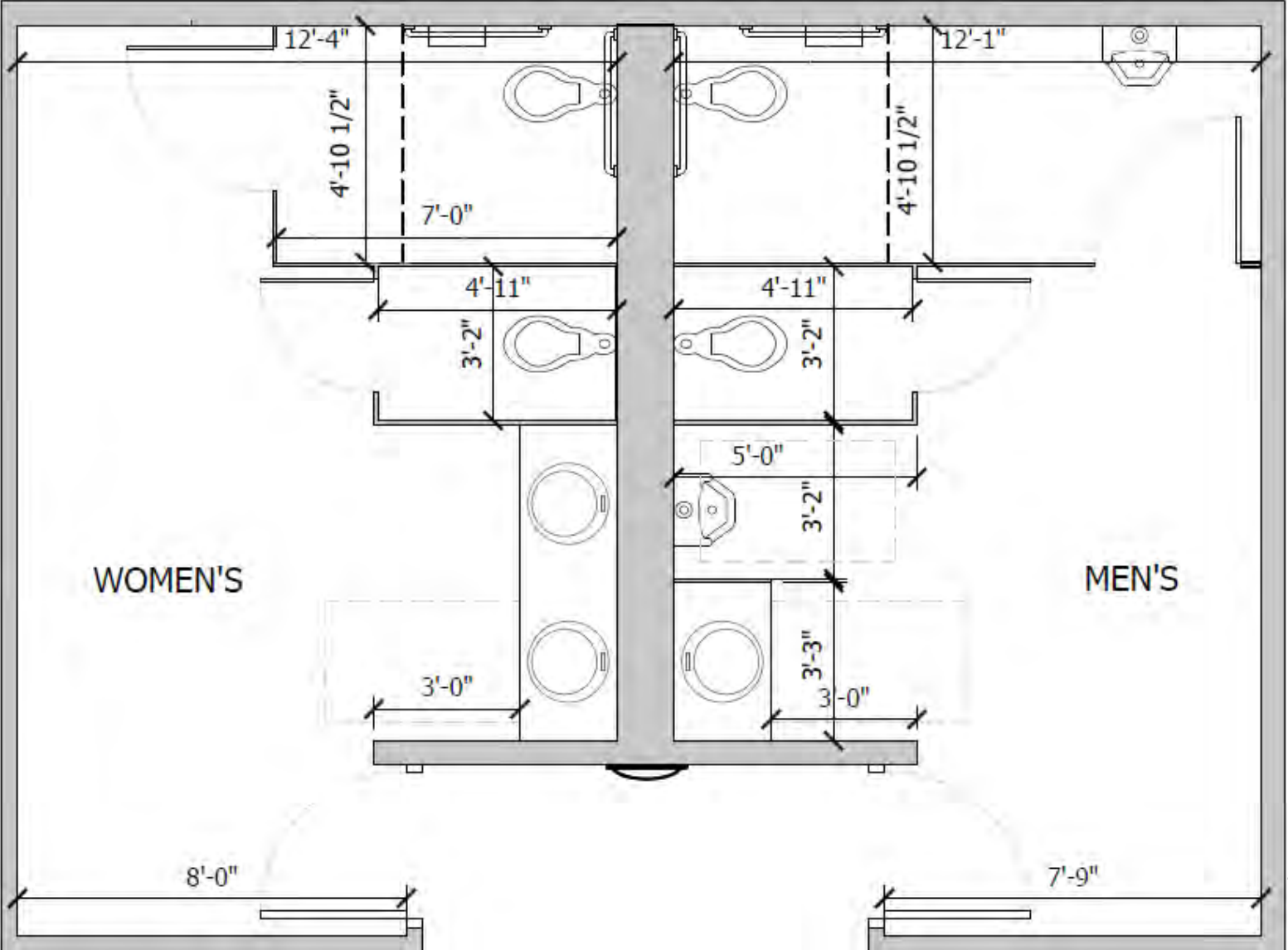


- Provides path of travel
- Adds a ramp from the ADA parking
- Preserves 2/3 of the exterior concrete area
- Includes aesthetic features

Restroom: Existing

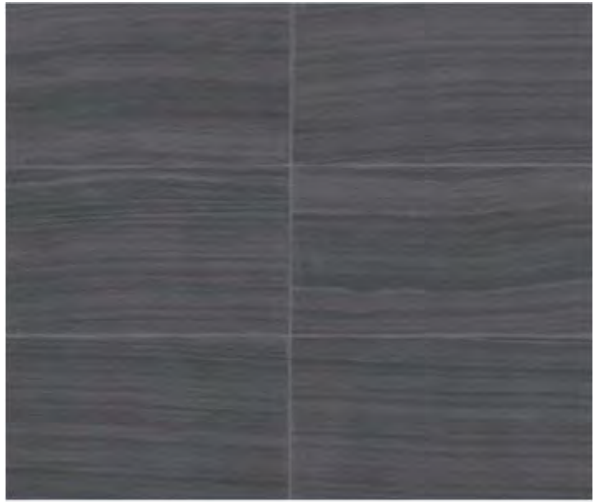


Restroom: Proposed

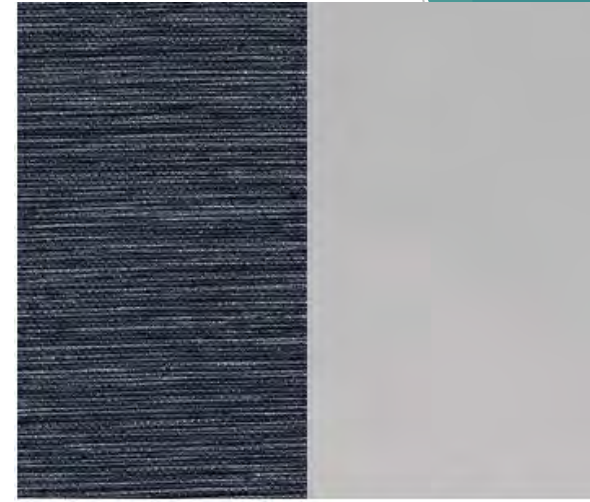




Proposed Lobby



03 DAL TILE - TILE FLOORING
REVOTILE STONE LOOK
GRAPHITE RV61



01 KOROSEAL -
WALLCOVERINGS
INTERLOOM PRUSSIAN -
NM21-19

02 CLEAR ADONIZED
STOREFRONT SYSTEM



04 DAL TILE -
ENGINEERED STONE
OQ34 - ROCKY MOUNTAIN

05 WILSONART -
PLASTIC LAMINATE
WALNUT HEIGHTS - 7965

Estimated Project Cost

- Estimated cost in September 2021, excluding ADA projects
 - \$260,000
- Updated estimate, excluding ADA projects
 - \$290,000
- Estimated cost of ADA projects
 - Inside the Building \$54,000
 - Outside the Building \$90,000
- Estimated range for the total project cost is \$430,000 - \$490,000

Recommendation

Direct the General Manager to prepare bid documents for the SAWPA Lobby Security Improvements project including associated ADA improvements