CLARK COUNTY WATER RECLAMATION DISTRICT
BOARD OF TRUSTEES
AGENDA ITEM

Petitioner: Thomas A. Minwegen, General Manager

Recommendation:

Approve an update to the Capital Improvement Plan; and authorize the General Manager to proceed with the planning, budgeting, and engineering activities for the projects as necessary; or take other action as appropriate. (For possible action)

FISCAL IMPACT:

Fund #:	N/A	Fund Name:	N/A
Fund Center:	N/A	Funded PGM/Grant:	N/A
Amount:	N/A		
Description:	Capital Improvement Program List of Projects and Cost Estimates		
Additional Comments:	N/A		

BACKGROUND:

With any public utility, sound infrastructure planning is necessary to provide essential services. Beginning in 2013, the Board has acknowledged and approved the District's periodic updates of its Capital Improvement Plan (CIP), which forecasts a list of projects planned for a 5-year and a 15-year outlook. On April 4, 2023, the Board adopted Resolution 23-002, which specifically grants authority to the General Manager to "prepare, modify, and execute a five (5) year construction program and a 10-to-15-year facility infrastructure plan, complete with an associated funding plan as necessary to maintain an appropriate prioritization of District capital improvement needs, to be reviewed and approved by the Board no less than once every five (5) years." The Board's most recent approval of the District's CIP was March 19, 2024. Short-and-long-term capital plans are essential for maintaining, rehabilitating, and systematically expanding the District's critical infrastructure to ensure system capacities, reliability, and continuous operational requirements.

The District's long-range planning process provides the framework to determine the proper timing for additional facilities for capacity, water quality, proper administration, and system reliability, based on infrastructure priorities and system modeling to meet customer sewer demands, as well as prioritizing projects necessary to rehabilitate and replace existing structures, equipment, and pipelines in the wastewater treatment plants and collection system. Such planning requires a degree of flexibility to respond to changing regulations, zoning, land use changes, emergency repairs, unforeseen maintenance events, collaboration with other agencies, and actual development while ensuring cost effectiveness and prudent financial planning in association with our Asset Management Program. An updated 5-year and 15-year CIP is included as Attachment A.

	5 Year CIP Budget	15 Year CIP Budget
January 2024	$1,306,408,362	$2,173,475,213
September 2026	$ 890,729,864	$1,963,245,879

Approval of projects in the CIP does not authorize additional funding or spending. The annual forecast of revenues and expenditures are programmed during the annual budget process. Staff will continue to seek authority

Cleared for Agenda

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from the Board to proceed with procuring the design and construction of individual projects in compliance with the Nevada Revised Statutes and Board-approved District policies.

Staff continually assesses the collection system and treatment facilities to identify and prioritize maintenance, rehabilitation, and replacement projects based on asset condition, operational needs, and applicable environmental, safety, security, public health, and regulatory requirements. These assessments, along with growth forecasts and staffing requirements, were used to develop the comprehensive CIP list in Attachment A. The major infrastructure improvement project locations are shown in Attachment B.

Staff recommends the Board approve an update to the CIP and authorize the General Manager to proceed with the planning, budgeting, and engineering activities for the projects as necessary.

This agenda item has been reviewed and approved by the District's General Counsel.