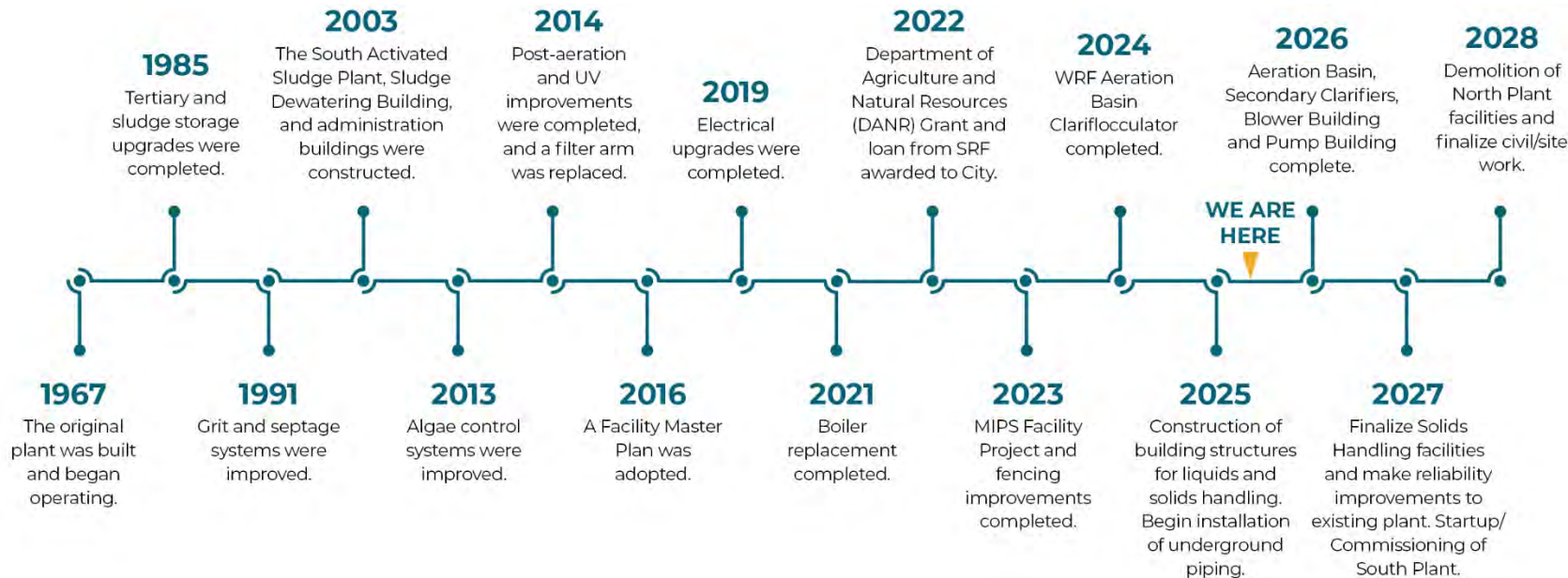


WRF SOUTH PLANT IMPROVEMENTS PROJECT

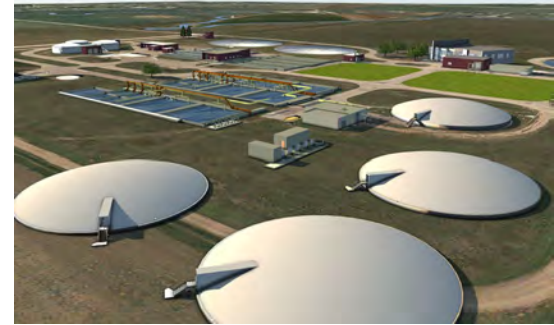
**Project Updates
City of Rapid City WRF**

Project Schedule



Project Overview

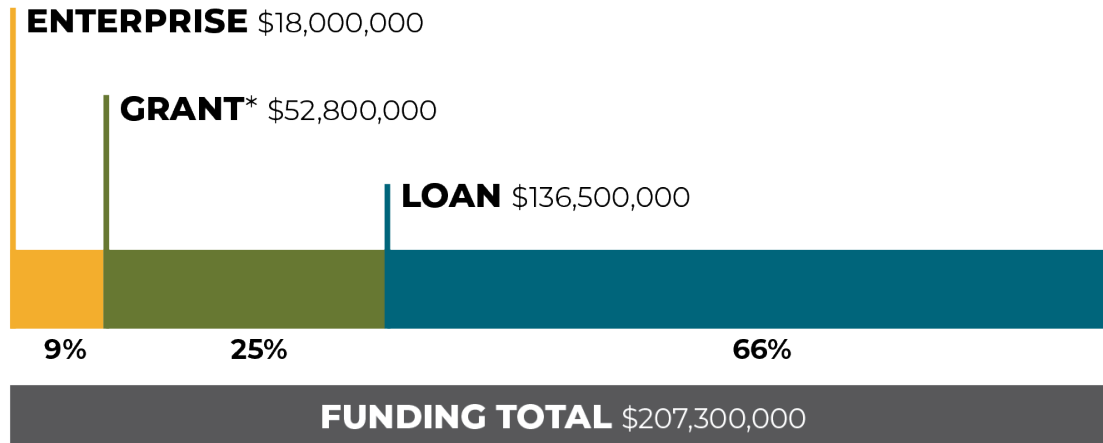
- This is the City's largest infrastructure project to date.
- This project serves to provide needed services to our community today and in the future.
- The current system is being improved to become more efficient, require less maintenance, and be more reliable for years to come.



WRF Funding Sources

WRF South Plant Improvements Total Project Cost: \$207.3 million

- The project is fully funded, including contingencies for change orders and value-added work



*City of Rapid City
Received the Largest
ARPA Grant Offered
Totaling \$52.8 Million

Project Milestones

November 2024



The first concrete pour for Aeration Basin 3, which is used to biologically treat sewage. Scheduled for completion in April 2027.

January 2025



The excavation for the Secondary Clarifiers 3 and 4 and the RAS/WAS building. The Secondary Clarifiers are where the final treatment process for disinfection occurs. Scheduled for completion in 2027.

January 2025



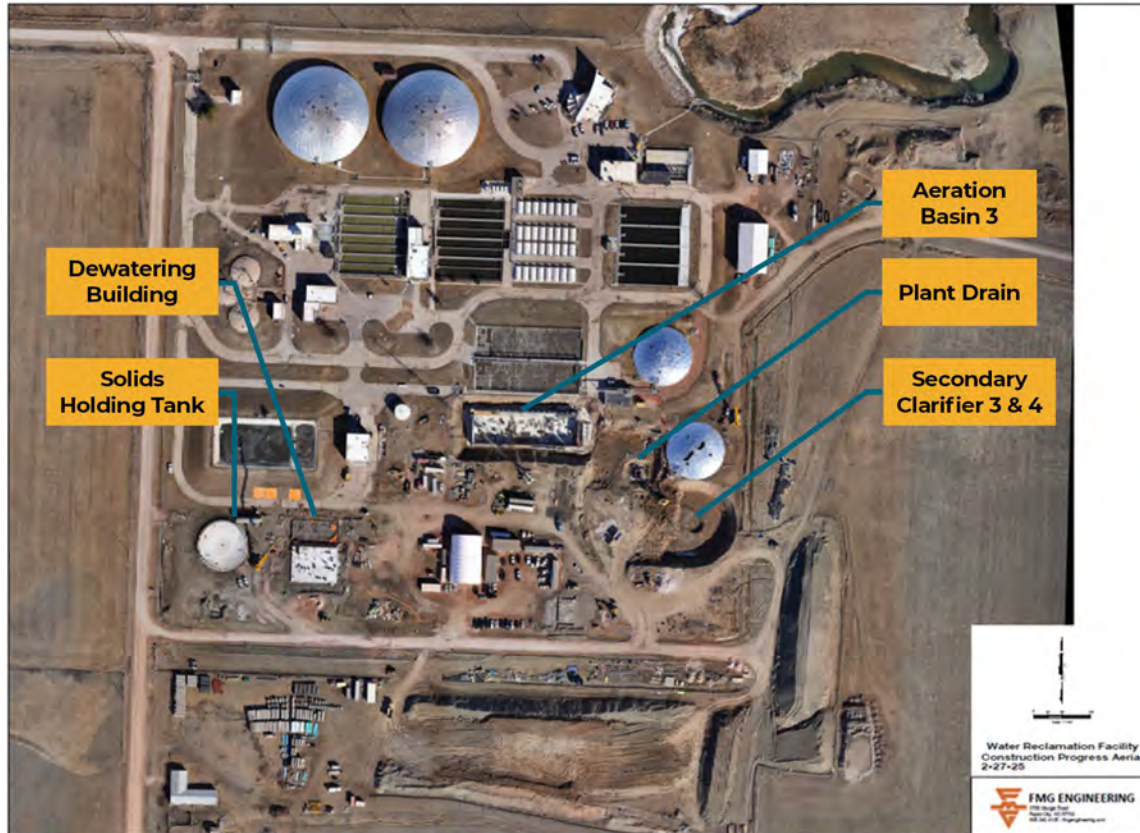
The Dewatering Building mat slab concrete was poured. The Dewatering building processes sludge from the Solids Holding Tank and is scheduled for completion in 2027.

February 2025



The Solids Holding Tank mat slab is placed. The holding tank holds sludge before processing. It is scheduled for completion in 2027.

Project Aerial



Construction Fun Fact

The construction of the Dewatering Building for the City of Rapid City WRF South Plant Improvements has used 2,025 cubic yards of concrete, which is **over 202 concrete truck loads**. The concrete used for the drilled piers alone is enough to span more than **1.7 miles** if laid end to end.



Upcoming Major Milestones



Spring 2025

Standing precast walls for Dewatering Building

Spring 2025

Installation of underground piping for Clarifier 3

Spring 2025

Construction of the plant drain sump as part of the RAS/WAS Pump Building

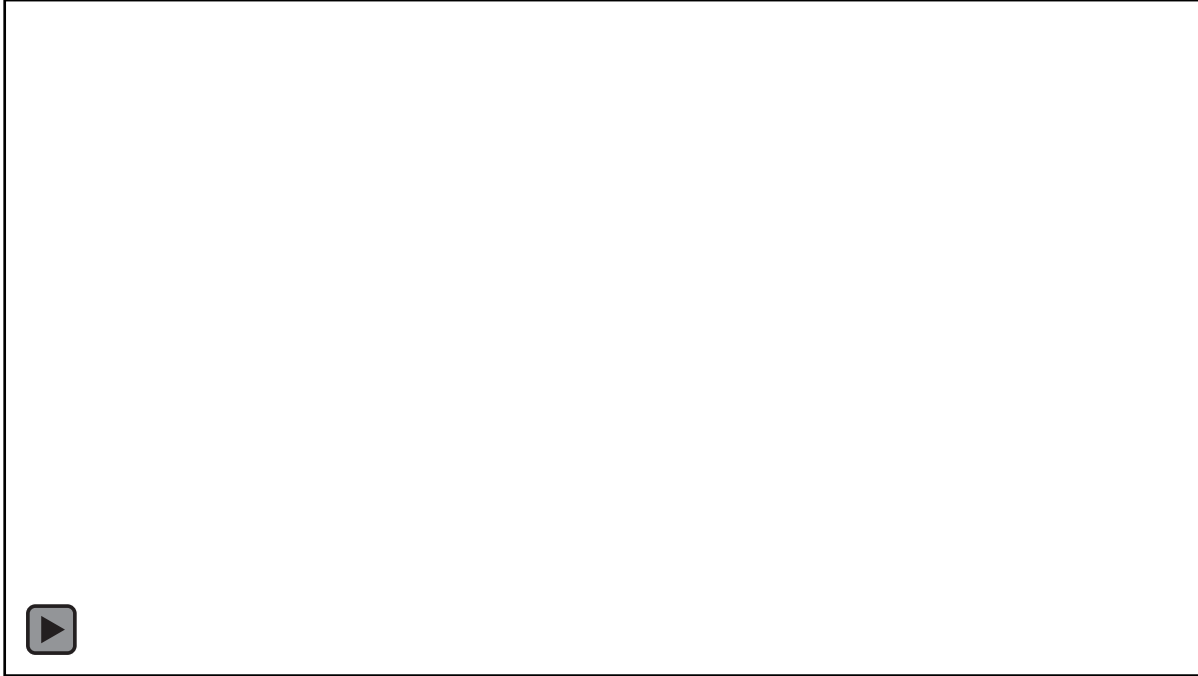
Spring/Summer 2025

Installation of underground site piping

Spring/Summer 2025

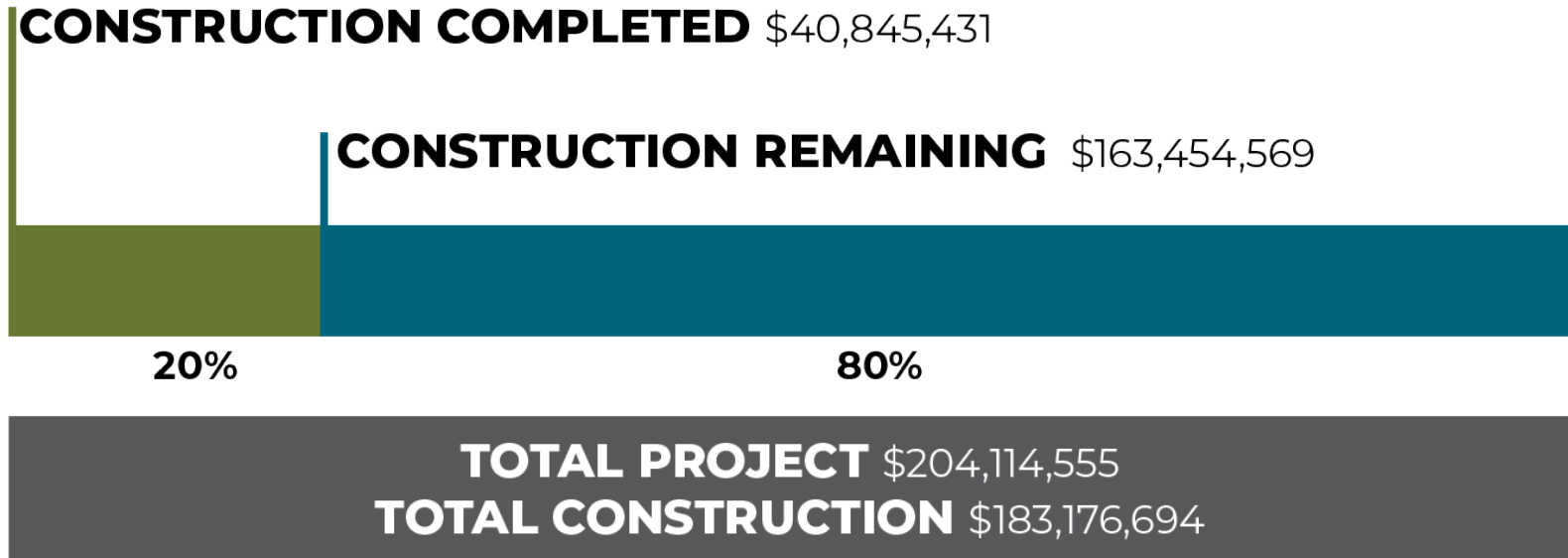
Continued construction of Stage 1 structures

Project Video



Visit our website to watch the project video.

WRF South Plant Improvements Total Project Cost: \$204.1 M



Contract Adjustment History

Project Credits/Deducts	\$ (366,524.00)	
Operational Value-Added Requests	\$ 89,037.00	
Unforeseen Conditions	\$ 377,008.00	
Net Increase (Decrease)	\$ 99,521.00	
Original Contract Amount	\$ 172,328,694.00	% Change
Adjusted Contract Price	\$ 172,428,215.00	0.06%

Contract Change Order History

Contract Change Order History		% Change	Council Approval
CCO#1	\$ 99,521.00	0.06%	*April 21, 2025
\$ 99,521.00		0.06%	*Scheduled



QUESTIONS