



Adopting the 2026-2030 Capital Improvement Plan as a financial forecasting document for SWACO's budgetary and planning process.

SWACO Staff developed a 2026-2030 Capital Improvement Plan ("Plan") for capital projects and improvements relating to the ongoing operation and maintenance of the Franklin County Sanitary Landfill, two (2) transfer stations, Model Landfill, and other infrastructure improvements. The spending plan is subject to change based on available resources, financing options available, and actual operating conditions encountered.

Staff is therefore recommending the adoption of the Plan, attached hereto as "Exhibit A," as a financial forecasting document for SWACO's budgetary and planning process.

Requested by: Patrick O'Block, Senior Accounting and Finance Manager

BE IT RESOLVED by the Board of Trustees of the Solid Waste Authority of Central Ohio that:

1. The SWACO Board of Trustees adopts the 2026-2030 Capital Improvement Plan, attached hereto as "Exhibit A", as a financial forecasting document for SWACO's budgetary and planning process.
2. This resolution shall be in full force and effect from and immediately upon its adoption.

Date Approved: May 13, 2025

Vote:
For: 7 Against: 0 Abs: 0


Susan Tilgner
Chair, Board of Trustees


Rebecca L. Egelhoff, Secretary

Approved as to Form:


Rebecca L. Egelhoff, Director of Legal Affairs

EXHIBIT A

2026-2030 CAPITAL IMPROVEMENT PLAN

Project Description	Major Category	2026
Phase H8 Cell Construction	Cell Construction	\$ 10,905,765
Soil Prequalification	Cell Construction	100,000
Transitional Cover	Cell Construction	174,000
Final Cover - South Slope Phase 2 Perimeter Road	Cell Construction	1,500,000
Phase H6 Sump	Cell Construction	200,000
Exposed Geomembrane - Phase H4/H5	Cell Construction	150,000
FCSL Gas Collection and Control system (GCCS)	Landfill Gas	2,000,000
Gas Well Water Removal System Additions at the FCSL	Landfill Gas	90,040
Morse Road Transfer Station Improvements	Transfer Station/Receiving Improvements	4,915,627
Morse Road Transfer Station Compactor	Transfer Station/Receiving Improvements	1,950,000
Buildings - Admin. Office Building (AOB) and Educ. Resource Center (ERC)	Building Improvements	13,250,000
Operations Maintenance Garage - Sound Baffles	Building Improvements	300,000
Waterline Replacement	Capital Improvements	4,600,000
Reuse Center	Building Improvements	1,000,000
Organics	Building Improvements	2,000,000
CNG Slow Fill Station	Building Improvements	4,000,000
Georgesville Road	Transfer Station/Receiving Improvements	3,000,000
Roberts Road Facility Yard Waste	Capital Improvements	1,000,000
Model Landfill Header & VFD Install	Model Landfill	500,000
Land purchases	Land	2,000,000
Total		\$ 53,635,432

Project Description	Major Category	2026	2027	2028	2029	2030	Total
Phase H8 Cell Construction	Cell Construction	\$ 10,905,765	\$ -	\$ -	\$ -	\$ -	\$ 10,905,765
Soil Prequalification	Cell Construction	100,000	-	-	100,000	-	200,000
Transitional Cover	Cell Construction	174,000	73,600	245,340	370,500	245,300	1,108,740
Final Cover - South Slope Phase 2 Perimeter Road	Cell Construction	1,500,000	-	-	-	-	1,500,000
Final Cover - East Slope	Cell Construction	-	-	-	3,000,000	-	3,000,000
Phase H6 Sump	Cell Construction	200,000	-	-	-	-	200,000
Phase H6 Cell Construction	Cell Construction	-	-	-	-	250,000	250,000
Exposed Geomembrane - Phase H4/H5	Cell Construction	150,000	5,000,000	-	-	-	5,150,000
FCSL Gas Collection and Control system (GCCS)	Landfill Gas	2,000,000	1,500,000	750,000	500,000	500,000	5,250,000
Gas Well Water Removal System Additions at the FCSL	Landfill Gas	90,040	92,740	95,500	98,400	101,300	477,980
Morse Road Transfer Station Improvements	Transfer Station/Receiving Improvements	4,915,627	-	-	-	-	4,915,627
Morse Road Transfer Station Compactor	Transfer Station/Receiving Improvements	1,950,000	-	-	-	-	1,950,000
Buildings - Admin. Office Building (AOB) and Educ. Resource Center (ERC)	Building Improvements	13,250,000	4,383,055	-	-	-	17,633,055
Operations Maintenance Garage - Sound Baffles	Building Improvements	300,000	-	-	-	-	300,000
Truck Wash at London-Groveport Campus	Building Improvements	-	2,000,000	-	-	-	2,000,000
Waterline Replacement	Capital Improvements	4,600,000	-	-	-	-	4,600,000
Reuse Center	Building Improvements	1,000,000	-	-	-	-	1,000,000
Organics	Building Improvements	2,000,000	1,500,000	-	-	-	3,500,000
CNG Slow Fill Station	Building Improvements	4,000,000	-	-	-	-	4,000,000
Georgesville Road	Transfer Station/Receiving Improvements	3,000,000	5,000,000	-	-	-	8,000,000
Jackson Pike Compactor	Transfer Station/Receiving Improvements	-	250,000	5,000,000	-	-	5,250,000
Roberts Road Facility Yard Waste	Capital Improvements	1,000,000	-	-	-	-	1,000,000
Model Landfill Header & VFD Install	Model Landfill	500,000	-	-	-	-	500,000
Land purchases	Land	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Total		\$ 53,635,432	\$ 21,799,395	\$ 8,090,340	\$ 6,068,900	\$ 3,096,600	\$ 92,691,167

Resolution Summary

Resolution 029-25: Adopting the 2026-2030 Capital Improvement Plan as a financial forecasting document for SWACO's budgetary and planning process.

Requested by: Patrick O'Block, Senior Accounting and Finance Manager

Summary

- This resolution allows capital projects to be funded according to the schedule in Exhibit A of the resolution.

Purpose & Goals

- The purpose of the Capital Improvement Plan ("Plan") is to serve as a planning tool and to set funding budgets for specified capital projects that are necessary to support SWACO's mission. This resolution also allows SWACO to maintain air space for the district's waste stream and in compliance with all permits.
- SWACO's mission, strategic plan, and landfill operating obligations necessitate the identification, planning, and completion of capital projects. Once these projects are evaluated and approved, criteria such as cost and useful life determine whether funding will be provided by operating fund, program fund (Generation Fee), and/or debt financing.

Process Used:

- Cooperative Purchasing
- Competitive Process
- Sole Source/Best Interest
- Intergovernmental Cooperative Services Agreement
- Not applicable

Fiscal Impact

Funding for this resolution is provided by:

- Operating Budget
- Capital Improvement Plan
- Capital Equipment Plan
- Capital Outlays Plan
- Funding the plan will be evaluated to include operating funds, program funds, and/or debt financing.

Future Action Anticipated

- None anticipated at this time.

Capital Improvement Plan Narrative for 2026

Phase H8A: This project includes the design and construction of the next solid waste cell. The project consists of an approximate 22-acre cell and will be constructed first, followed by the 6-acre separatory liner. Design started in 2023. The project includes earthwork, infrastructure relocation and new installation, building removal, and cell components to maintain operational approval from the Ohio Environmental Protection Agency (OEPA). Construction will occur in 2025 and 2026.

Soil Prequalification: SWACO is required to prequalify soils for use as Recompacted Soil Liner (RSL) on future cell construction projects. The project will consist of sampling and testing in place soils from the West of Young Road borrow area to be used on future cell construction projects. Once tested, the results will be submitted to the Ohio EPA for approval.

Transitional Cover: As waste is placed to achieve the permitted top-of-waste grades, the exterior slopes must be covered with transitional cover. The transitional cover is a 24" thick layer of low-permeable soil that supports vegetation.

Final Cover – South Slope Phase 2/Perimeter Road: SWACO Staff completed a 16-acre cap closure project in 2024. However, a portion of the cap was unable to be tied in to the bottom liner due to impacts to the perimeter road. Now that landfill traffic is diverted from this road for the next several years, the tie in is able to be completed. This project will include removal of a portion of the perimeter road, make the necessary tie-ins, and replacing the perimeter road.

Phase H6 Sump: Future solid waste cell, Phase H6, will require electricity to power leachate and underdrain pumps. The pumps will not be needed for several years, but there is a current need for service to power an electric dewatering pump. This project will install the service needed for the future cell, purchase and install an electric dewatering pump for immediate use and eventually be replaced by leachate and underdrain pumps.

Exposed Geomembrane – Phase H4/H5: Upon completion of filling Phases H4 and H5 to phase design grades, this portion of the landfill will not be in operation for approximately 10 years. During this time, this 60-acre portion of the landfill would require seeding, erosion control maintenance, and gas well tuning. SWACO intends to install exposed geomembrane cover which will eliminate the need for seeding and ongoing erosion control and maintenance. Additionally, the exposed geomembrane cover will improve gas collection, reduce leachate generation, and improve stormwater runoff quality.

FCSL Gas Collection and Control System: This project is the annual construction to SWACO's gas collection and control system (GCCS) at FCSL. The project consists of relocating the gas header on the south side of the landfill to the perimeter berm from inside the limits of waste and installing new vertical wells in the Phase H5 area as well as replacing several failing wells.

Gas well water removal system additions at FCSL: This project will install dewatering pumps and air and force main piping to gas wells or other dewatering efforts as needed to improve liquid removal from the landfill.

Morse Road Transfer Station ("MRTS") Improvements: This project is ongoing from previous years. Currently, the design has been completed and an RFB is in progress. Construction is scheduled for 2025 and 2026 and includes re-grading the tipping floor, installing stormwater and sanitary sewer controls, adding a west disposal bay, incorporating a compactor to increase load sizes, and all associated modifications to accommodate the construction.

Morse Road Transfer Station ("MRTS") Compactor: Once the MRTS Improvements Project is completed, a new bulk waste compactor will be installed in the new west bay. The publicly bid process is currently in progress. Delivery and installation is anticipated in March 2026.

Capital Improvement Plan Narrative for 2026 *(Continued)*

Buildings – Administration Office Building (AOB) & Education Resource Ctr (ERC): SWACO’s programs team provides landfill tours and classroom learning to thousands of Central Ohio residents and school children each year operating from our ERC. As part of the landfill buildout, the previous ERC was demolished. A temporary trailer is currently serving as the ERC. A permanent building is required that includes classrooms, indoor and outdoor learning stations, and interactive educational exhibits. It has been determined that the current AOB can be expanded to include ERC functions.

An addition is required to relocate AOB functions to the new building. Once completed, the current AOB will be renovated for the ERC. The design process started in 2024, and construction is expected in 2026. Completion of the project will be in 2027.

Operations Maintenance Garage – Sound Baffles: Now that SWACO Staff is working in the new Operations Maintenance Garage, noise from the nearby Archaea plant is persistent and creating a nuisance for SWACO employees working in the garage.

Waterline Replacement: SWACO installed a domestic water service line for nearby residents along Zuber and Young Roads approximately 25 years ago. The City of Columbus approached SWACO regarding the lines due to excessive breaks. An assessment of the water line was completed in 2024 and determined the soils are corrosive. Therefore, the only way to prevent the continuation of breaks is to replace the line with either wrapped ductile iron or PVC. The project is phased to perform the waterline replacement of Zuber Road in 2025 and Young Road in 2026.

Reuse Center: The initial residential Recycling Convenience Center opened at the Jackson Pike Transfer Station in 2023. Upgrades to the site are planned for 2026. As this site, as well as the City of Columbus sites, usage increases, SWACO intends to expand the materials taken and improve drop-off locations. Funds are needed to make these improvements.

Organics/Composting: These funds are set aside as SWACO develops new partnerships and a path forward for SWACO’s food waste diversion program.

CNG Slow Fill Station: Now that the Operations Maintenance Facility is completed and the transfer fleet is consolidated at SWACO’s London-Groveport campus, SWACO staff intends to transfer the over the road fleet to compressed natural gas (“CNG”). By converting to CNG, SWACO will see reduced operating costs while reducing greenhouse gas emissions. Therefore, a slow-fill CNG station is needed.

Georgesville Road: An additional transfer station will enable SWACO to manage the waste more effectively in Franklin County. The facility will be able to process and transfer waste more efficiently, providing the City of Columbus and private haulers with another much-needed disposal option. Partnering meetings with the City have been in progress, and a design RFQ has been advertised in 2025. It should be noted that the construction phase can only begin once the City has funds for their portion approved in the budget.

Roberts Road Facility Yard Waste: Reimage the site for greater functionality for the yard waste program and additional diversion from the landfill.

Model Landfill Header and VFD Install: The closed Model Landfill gas collection and control system (“GCCS”) needs some minor improvements to effectively remove landfill gas and leachate from the site. The installation of a new header and a variable frequency drive for the blowers is necessary.

Land Purchases: Allocate amount for potential land purchases as part of SWACO’s land purchase guidelines.