

LTU – SOLID WASTE

Project Title	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Acquire/Recondition Equipment	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$9,000,000
Closure/End Use of North 48th Street Landfill	\$0	\$0	\$100,000	\$100,000	\$0	\$0	\$200,000
Final Cap/Gas System - Bluff Road Landfill	\$0	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000
Gas Collection and Control System	\$1,350,000	\$0	\$0	\$0	\$0	\$0	\$1,350,000
Land Acquisition/Soil Purchases	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$400,000
Leachate Pre-Treatment System	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$1,500,000
Liner/Leachate System - Bluff Road Landfill	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$10,000,000
Organic Waste Processing Facility	\$100,000	\$350,000	\$100,000	\$100,000	\$100,000	\$100,000	\$850,000
Other Waste Management Programs	\$1,125,000	\$145,000	\$100,000	\$15,000	\$15,000	\$15,000	\$1,415,000
Solid Waste Disposal/Landfill	\$1,035,000	\$535,000	\$535,000	\$535,000	\$785,000	\$1,085,000	\$4,510,000
Solid Waste Management Plan/Updates - Implementation	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$500,000
South Municipal Services Center (Solid Waste)	\$1,500,000	\$1,000,000	\$5,000,000	\$1,000,000	\$0	\$0	\$8,500,000
Transfer Station	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total:	\$11,960,000	\$8,780,000	\$7,435,000	\$9,850,000	\$2,400,000	\$2,950,000	\$43,375,000

Funding Source	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$8,735,000	\$6,635,000	\$1,635,000	\$8,135,000	\$1,785,000	\$2,335,000	\$29,260,000
Other Financing	\$1,110,000	\$60,000	\$0	\$0	\$0	\$0	\$1,170,000
User Fees/Occupation Tax (Solid Waste)	\$2,115,000	\$2,085,000	\$5,800,000	\$1,715,000	\$615,000	\$615,000	\$12,945,000
Total:	\$11,960,000	\$8,780,000	\$7,435,000	\$9,850,000	\$2,400,000	\$2,950,000	\$43,375,000

Acquire/Recondition Equipment

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

Appropriations provide for replacement of existing equipment, reconditioning of existing equipment, or the addition of equipment needed to manage solid waste, including equipment needed for creating safe access, meeting regulatory compliance requirements, and to successfully manage landfill gas/leachate, stormwater, air emissions, and groundwater. Expenditures may range from \$100,000 to nearly \$1,500,000 per piece of equipment. Reconditioning equipment extends the useful economic life of the equipment at approximately 40% to 60% of new cost. Used equipment may be acquired in some instances. Acquisitions and reconditioning proposed throughout this continuing project include equipment such as:

- truck-tractor and trailer for waste/organic material transfer and leachate transport to a treatment facility
- landfill compactor / landfill dozer / for waste handling and
- off-road articulated dump trucks / tracked excavators / earthmoving scrapers / for soil movement
- front-end loaders / motor graders
- turners / screens / grinders / shredders for organic waste processing
- water trucks / tankers / dump truck / roll-off truck / refuse truck
- alternative cover equipment

The funding requested is allocated as \$1M to Solid Waste Disposal/Landfill (705237) and \$0.5M to Other Waste Management Programs (705240)

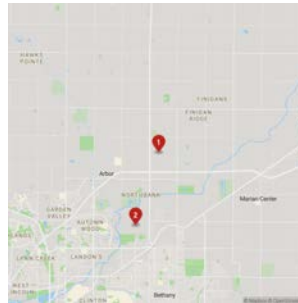
The project is funded by landfill fees / user fees / occupation tax, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill and part of Other Waste Management Programs.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$6,000,000
User Fees/Occupation Tax (Solid Waste)	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$3,000,000
Total	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$9,000,000

Closure/End Use of North 48th Street Landfill

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

Nebraska Department of Environmental Quality regulations require specific actions to prevent future or mitigate existing impacts to ground water and surface water. The request for funding anticipates corrective actions will be necessary to address environmental impacts from wastes landfilled from the 1950's through the 1980's. The corrective actions relate to minimizing the impacts to the groundwater and surface water, and to preventing the migration of landfill gas beyond the property boundary. The project also provides for the purchase, placement and grading of additional cover soil, installation of structures to convey surface water away from the previously landfilled wastes, and the vegetation of areas on the closed landfill on a planned, phased basis. On-going improvements to existing stormwater conveyance systems, such as constructed ditches, culverts, and letdown structures are periodically necessary. The project also recognizes the opportunities available to use the property for passive recreational activities, and provides limited funding for establishing uses that are determined jointly with the Parks and Recreation Department and not funded by private sector interests or grants.

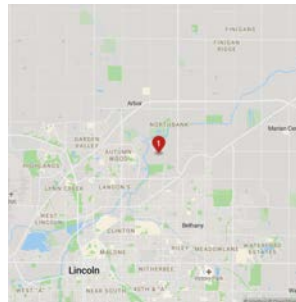
The project is funded by system revenues, which may include revenue bond proceeds.

The project is part of Other Waste Management Programs.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	Total
User Fees/Occupation Tax (Solid Waste)	\$0	\$0	\$100,000	\$100,000	\$0	\$200,000
Total	\$0	\$0	\$100,000	\$100,000	\$0	\$200,000

Final Cap/Gas System - Bluff Road Landfill

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

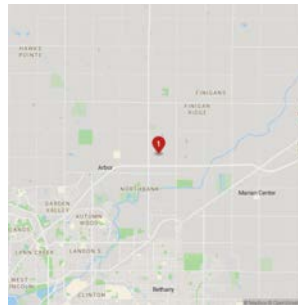
Description

Phased extensions of the landfill cap and landfill gas collection system are necessary as the landfill reaches capacity. The landfill cap is constructed in accordance with State and Federal regulations and approved Operating Permits. Also included in the project are activities associated with the Alternative Evapotranspiration Final Cover demonstration/evaluation. The project is funded by landfill fee revenues, which may include revenue bond proceeds. The project is part of Solid Waste Disposal/Landfill.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$0	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000
Total	\$0	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000

Gas Collection and Control System

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

The well field and process equipment associated with the landfill gas collection and control system require constant expansion and improvements in order to ensure regulatory requirements are met and the system is optimized for the utilization of energy from the methane. Emissions from the landfill are regulated under the EPA Clean Air Act.

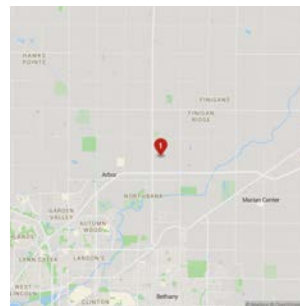
The project is funded with landfill fees / user fees, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$1,350,000	\$0	\$0	\$0	\$0	\$0	\$1,350,000
Total	\$1,350,000	\$0	\$0	\$0	\$0	\$0	\$1,350,000

Land Acquisition/Soil Purchases

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

Allows for the acquisition of land for buffer zones around the Bluff Road Landfill should any property be made available for sale. It also allows for the purchase of available and nearby soil for use in constructing future liners, final caps and roadways; for use as daily cover or intermediate cover; or for constructing screening berms.

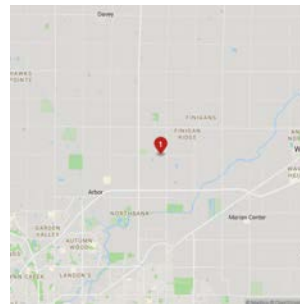
The project is funded with landfill fees / user fees, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$400,000
Total	\$100,000	\$100,000	\$100,000	\$100,000	\$0	\$0	\$400,000

Leachate Pre-Treatment System

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

Evolving regulations related to the management and control of per-and polyfluoroalkyl substances (PFAS) are likely to impact the management and disposal options for leachate generated by the Bluff Road Landfill. The pre-treatment of the leachate (this project) is not mutually exclusive of a project to construct a forcemain between the landfill and the Northeast Water Resource Recovery Facility. The appropriation for the forcemain was made in a prior year and will be constructed prior to or in conjunction with the pre-treatment system.

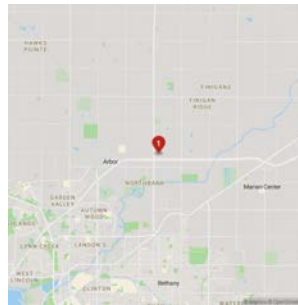
The project is funded with system revenues, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill.

Details

Status	New
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$1,500,000
Total	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$1,500,000

Liner/Leachate System - Bluff Road Landfill

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

Phased extensions of the liner and leachate collection systems are necessary as disposal capacity is needed. These systems are constructed in accordance with State and Federal regulations and collectively these systems protect the ground water from contamination by landfill leachate.

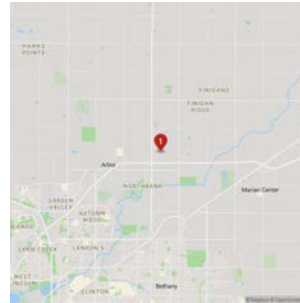
The project is funded by landfill fee/user fee revenues, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$10,000,000
Total	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$10,000,000

Organic Waste Processing Facility

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

On-going improvements to the asphalt surface for the receiving and processing areas, as well as on-going improvements to the storm water detention basins used to manage surface water run-off are considered in this project. Other improvements may include the construction of a water well and/or water storage for fire protection and to establish a near-by water supply for maintaining adequate moisture levels in the compost materials to avoid odor issues, additional site security fencing and soil placement, grading and surfacing to expand finished material storage and load-out areas. Improvements needed for management of the wood waste generated by the Emerald Ash Borer are not included in this project, nor is the requested funding intended to support directly a biochar initiative.

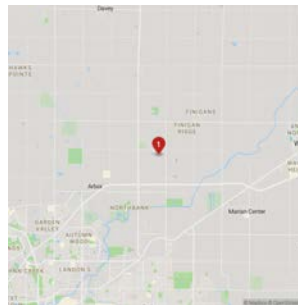
The project is funded by system revenues, which may include revenue bond proceeds.

The project is part of Other Waste Management Programs.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
User Fees/Occupation Tax (Solid Waste)	\$100,000	\$350,000	\$100,000	\$100,000	\$100,000	\$100,000	\$850,000
Total	\$100,000	\$350,000	\$100,000	\$100,000	\$100,000	\$100,000	\$850,000

Other Waste Management Programs

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

The requested appropriations support the various permitting, regulatory compliance and consulting support and infrastructure additions, improvements and enhancements needed to manage the facilities and programs other than the solid waste landfill. The facilities and programs supported by this project include:

- North 48th Street Landfill (closed),
- Small Vehicle Transfer Station,
- Construction & Demolition Waste Landfill
- Organic Waste Processing Facility
- Waste Diversion/Recyclables Collection \
- Solid Waste Management Plan/Implementation
- Acquire/Recondition Equipment
- Hazardous/Toxic Waste Management & Vehicle Storage for Emergency Response Facilities

The project includes the following planned efforts:

- Permitting of Construction & Demolition Landfill; anticipated FY 26-27; \$85K
- Air Emissions Testing; anticipated and FY 25-26; \$60K
- Engineering Support; anticipated every year: \$15K each

The Nebraska Department of Environment and Energy (NDEE) requires permitting of disposal facilities every 5 years, and waste processing facilities every 10 years. Testing of the air emissions must occur every 5 years by Clean Air Act regulations and locally issued air permit. Plans related to stormwater management require annual review and certification by a professional engineer.

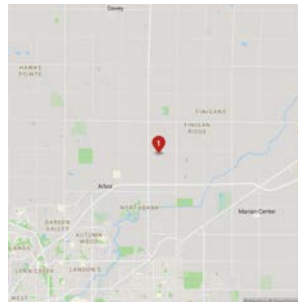
The project is funded by system revenues, which may include revenue bond proceeds.

The project is considered the parent project.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Other Financing	\$1,110,000	\$60,000	\$0	\$0	\$0	\$0	\$1,170,000
User Fees/Occupation Tax (Solid Waste)	\$15,000	\$85,000	\$100,000	\$15,000	\$15,000	\$15,000	\$245,000
Total	\$1,125,000	\$145,000	\$100,000	\$15,000	\$15,000	\$15,000	\$1,415,000

Solid Waste Disposal/Landfill

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

General support related to the existing permitted waste disposal facility located on the 360 acres known as the Bluff Road Solid Waste Management Facility and associated infrastructure, including but not limited to the gas system (wellfield and process equipment), leachate system, buildings, roadways, and water, wastewater, electrical, lighting, truck scales and security (fencing) and surveillance (camera) systems. The project may also be used to provide surveying, material testing, and calibration services, as well as study/evaluation for optimization, capacity determination and safety reasons. Engineering support for the automated processes associated with the leachate management system, the landfill gas management system, and the groundwater pumping system and water supply system is considered in this project. Consultant support for the development and necessary revisions to the site-wide surface water and soil management plans are also activities considered in this project.

The project ensures compliance with applicable State and Federal regulations when unanticipated and significant waste generating events or severe weather events causing damage at the facility occur. Additionally and in general, the project provides for enhancements and improvements to existing infrastructure such as buildings, roadways, utilities and other ancillary infrastructure to assure safe and efficient operations. Other activities include semi-permanent litter fence construction, surface water management improvements, installation and abandonment of ground water and landfill gas monitoring wells, and surveillance (camera) and security (fence) system upgrades. The project provides ongoing funding for improvements to the nearly two-mile concrete access roadway, anticipated to be select panel replacement and crack sealing. Nearly one-half of the total roadway length is more than 30 years old. A truck/wheel wash is also contemplated in this project to address potential regulatory issues under the air quality permits, as well as potential safety issues related to dragging mud onto Bluff Road and Highway 77. Construction of a non-potable water storage tank to establish fire-fighting capabilities and provide water supply for pressurized cleaning of leachate and landfill gas system equipment is contemplated in this project.

An appropriation was secured in a previous year for a customer convenience center / unloading area near the entrance to eliminate the high risk customer visits where trailers are hand-unloaded at the active face of the landfill. Customers using the existing small vehicle transfer station at the North 48th Street Solid Waste Management Facility will be handled at this customer convenience center with the existing transfer station then being taken out of service. The request in FY 24/25 includes \$350,000 to complete the construction and secure equipment to implement this facility.

Nebraska Department of Environment and Energy (NDEE) regulations require the renewal of the Operating Permit for the Bluff Road Landfill every five years. The project provides for the engineering, environmental and operational review of the facility and the preparation of the required documents for a permit renewal application of the existing and future landfill. The current landfill is projected to reach capacity in 2036 at current population growth and current diversion efforts. A request for preliminary design/engineering appears in this budget request. Soil excavation, roads, security fencing, electricity, and stormwater management structures will be needed before the construction of the initial landfill liner, The request for \$250K in FY 28/29 and for \$500K in FY 29/30 allows this work to begin.

The project includes the following planned efforts:

- Permitting of the Municipal Solid Waste Landfill; anticipated FY 26-27; \$150K;
- Engineering Support; anticipated every year: \$35K each year;
- Improvements: anticipated every year; \$250K each year;
- Gas/Leachate Systems; anticipated every year: \$250K each year
- Customer Convenience Center; anticipated FY 24/25; \$350K
- Preliminary Design/Engineering and limited construction for next landfill; anticipated FY 28/29 (\$250K) and FY 29/30 (\$500K)

Other related projects include: Liner/Leachate System; Final Cap/Gas System; Gas Collection and Control System; Land Acquisition/Soil Purchases; Biogas/Landfill Gas to Renewable Energy; Acquire/Recondition Equipment.

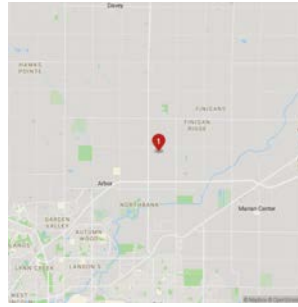
The project is funded with landfill fees / user fees, which may include revenue bond proceeds.

The project is considered the parent project.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$1,035,000	\$535,000	\$535,000	\$535,000	\$785,000	\$1,085,000	\$4,510,000
Total	\$1,035,000	\$535,000	\$535,000	\$535,000	\$785,000	\$1,085,000	\$4,510,000

Solid Waste Management Plan/Updates - Implementation

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

A recommendation in the Solid Waste Management Plan is to complete a periodic review and update of the Plan. It is intended these updates generally coincide with the updates of the Comprehensive Plan. The project also includes funding to advance select recommendations from the Solid Waste Management Plan and the Climate Action Plan.

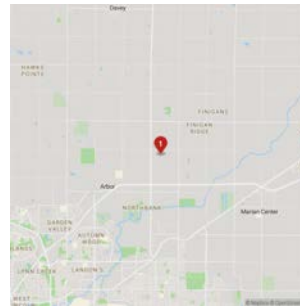
The project is funded with system revenues, which may include revenue bond proceeds.

The project is part of Other Waste Management Programs.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Landfill Revenue	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$500,000
Total	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$500,000

South Municipal Services Center (Solid Waste)

Overview

Request Owner	SolidWaste CIP, SolidWaste
Est. Start Date	01/01/2022
Department	0711-Solid Waste Management
Type	Capital Improvement

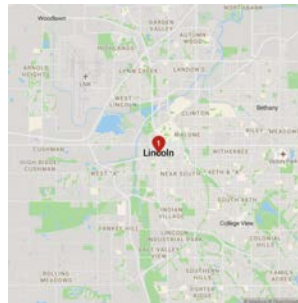
Description

As the City grows, there is a continuing need to locate service and storage facilities to provide timely responses and efficient operations. The City is currently able to effectively deploy services like street maintenance, water main repairs, snow removal, and more from north locations like 949 W. Bond Street near the airport, and 3200 Baldwin Avenue. However, resources are currently deployed to south Lincoln from a location at 3180 South Street that has been in service since 1965. With significant city growth since then, deployment from this location creates significant lag time and increases fuel use. The South MSC project is for the identification and acquisition of land and building of facilities for co-location and consolidation of City services to better serve the entire community. Similar to how the MSC in north Lincoln operates, a South MSC would have Lincoln Transportation and Utilities act as the facilities developer/manager. The development of this project would include other City Departments in an analysis of needs and use. The proposed facility could serve as a replacement for several existing city facilities and/or additional satellite locations for departments including Lincoln Water System (LWS), Lincoln Wastewater (LWW), Transportation - Street Maintenance Operations (SMO), Solid Waste (SW), Lincoln Fire, and Lincoln Parks & Recreation (LPR). Final breakdown of costs to be determined.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
User Fees/Occupation Tax (Solid Waste)	\$1,500,000	\$1,000,000	\$5,000,000	\$1,000,000	\$0	\$0	\$8,500,000
Total	\$1,500,000	\$1,000,000	\$5,000,000	\$1,000,000	\$0	\$0	\$8,500,000

Transfer Station

Overview

Request Owner	SolidWaste CIP, SolidWaste
Department	0711-Solid Waste Management
Type	Capital Improvement

Description

Funding will provide for improvements to existing infrastructure, including buildings and water, wastewater, electrical and lighting systems, roadways, security (fences) and surveillance (camera) systems. Building improvements may include improving employee work spaces as well as replacing pedestal boom, walking floor, hydraulic system, fire protection system, and building fans. Additionally, replacement of failed building heating, air conditioning and ventilating systems are considered under this project. The project also considers the other buildings and systems existing to serve the transfer of waste, including the gatehouse, maintenance building and the appliance demanufacturing facility. The project is related to the small vehicle transfer station that has been in operation since the 1990 and not the anticipated waste transfer station in the southern part of Lancaster county to serve the projected population growth a significant distance from the Bluff Road Landfill.

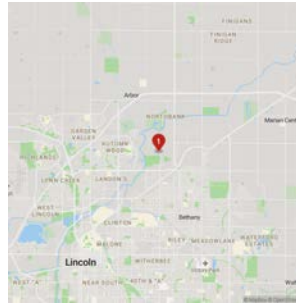
The project is funded with system revenues, which may include revenue bond proceeds.

The project is part of Other Waste Management Programs.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	Generally Conforms to the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
User Fees/Occupation Tax (Solid Waste)	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000
Total	\$0	\$150,000	\$0	\$0	\$0	\$0	\$150,000