

Capital
Improvement
Program

FY 2022/23 –
2027/28



Lincoln Transportation & Utilities

○ Solid Waste Operations

- StarTran
- Transportation
- Wastewater
- Water Supply & Distribution
- Watershed Management

The City of Lincoln owns and operates two public landfills. The Bluff Road Landfill is permitted as a Municipal Solid Waste Disposal Area with current active disposal area projected to reach capacity in 2036 . This facility also has local site approval and is permitted for the adjacent land to the East of the current active area and will provide an estimated 50 years of capacity. The North 48th Street C&D Landfill is permitted as a Construction and Demolition Waste Disposal Area with capacity estimated until 2048.

Solid Waste Operations also manage numerous other programs including recycling, composting, transfer station and waste diversion. This includes Recycle Collection Sites in the center and in each quadrant of the City.

All funding for Solid Waste Operations is generated from charges to customers. Charges to customers are based upon amounts of wastes hauled within City and disposed of in the City of Lincoln's facilities.

These revenues provide funding for all operational expenses, capital improvement and debt service. No general funds are used for Solid Waste Operations.

| Project Title | 2022/2023 | 2023/2024 | 2024/2025 | 2025/2026 | 2026/2027 | 2027/2028 | 6 yr 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 |
| Biochar Production | \$ 400,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 400,000 |
| Biogas/Landfill Gas to Renewable Energy | \$ 30,000,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30,000,000 |
| Closure/End Use of North 48th Street Landfill | \$ - | \$ - | \$ - | \$ - | \$ 100,000 | \$ 100,000 | \$ 200,000 |
| Final Cap/Gas System - Bluff Road Landfill | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,000,000 | \$ 5,000,000 |
| Final Cover - Construction/Demolition Waste Landfill | \$ - | \$ 800,000 | \$ - | \$ - | \$ - | \$ - | \$ 800,000 |
| Gas Collection and Control System | \$ 350,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 1,600,000 |
| Land Acquisition/Soil Purchases | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 600,000 |
| Liner/Leachate System - Bluff Road Landfill | \$ - | \$ - | \$ 5,000,000 | \$ 5,000,000 | \$ - | \$ - | \$ 10,000,000 |
| Organic Waste Processing Facility | \$ 350,000 | \$ 100,000 | \$ 100,000 | \$ 350,000 | \$ 100,000 | \$ 100,000 | \$ 1,100,000 |
| Other Waste Management Programs | \$ 500,000 | \$ 15,000 | \$ 15,000 | \$ 75,000 | \$ 100,000 | \$ 15,000 | \$ 720,000 |
| Recyclables Collection Program | \$ 700,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 700,000 |
| Solid Waste Disposal/Landfill | \$ 1,785,000 | \$ 285,000 | \$ 285,000 | \$ 285,000 | \$ 285,000 | \$ 285,000 | \$ 3,210,000 |
| Solid Waste Management Plan/Updates - Implementation | \$ - | \$ - | \$ 250,000 | \$ - | \$ - | \$ - | \$ 250,000 |
| Transfer Station | \$ 150,000 | \$ - | \$ - | \$ 150,000 | \$ - | \$ - | \$ 300,000 |
| Departmental Totals: | \$ 35,835,000 | \$ 3,050,000 | \$ 7,500,000 | \$ 7,710,000 | \$ 2,435,000 | \$ 7,350,000 | \$ 63,880,000 |
| | | | | | | | |
| | | | | | | | |
| Fund Source | 2022/2023 | 2023/2024 | 2024/2025 | 2025/2026 | 2026/2027 | 2027/2028 | 6 yr Total |
| Other Financing | \$ 30,800,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30,800,000 |
| CIP-User Fee/Occ Tax | \$ 1,800,000 | \$ 615,000 | \$ 615,000 | \$ 1,075,000 | \$ 800,000 | \$ 715,000 | \$ 5,620,000 |
| CIP-Landfill Fee | \$ 3,235,000 | \$ 2,435,000 | \$ 6,885,000 | \$ 6,635,000 | \$ 1,635,000 | \$ 6,635,000 | \$ 27,460,000 |
| Fund Source Totals | \$ 35,835,000 | \$ 3,050,000 | \$ 7,500,000 | \$ 7,710,000 | \$ 2,435,000 | \$ 7,350,000 | \$ 63,880,000 |

[LTU-Solid Waste Interactive Project Map](#)

Project: Acquire/Recondition Equipment

Description:

Appropriations provide for the acquisition of replacement or new primary equipment or reconditioning of existing equipment needed to manage solid wastes, including equipment needed for creating safe access and meeting regulatory compliance requirements, and to manage landfill gas and leachate. 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.

Acquisitions and reconditioning proposed throughout this continuing project include equipment such as:

- truck-tractor and trailer
- landfill compactor / landfill dozer / general purpose construction dozer
- off-road articulated dump trucks / tracked excavators / earthmoving scrapers
- 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 and \$0.5M to Other Waste Management Programs. 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 and part of Other Waste Management Programs.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | A |
| Status: | On-Going |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | |
|--|------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | Prior Appropriations: | X | | | | | |
| 6 yr appropriations | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
| CIP-User Fee/Occ Tax | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 500,000 | \$ 3,000,000 |
| CIP-Landfill Fee | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 1,000,000 | \$ 6,000,000 |
| 6 yr estimated cost by activity | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | |
| Capital Improvements | x | x | x | x | x | x | |

Project: Biochar Production

Description:

Purchase equipment to produce Biochar soil amendment from tree waste generated in the City of Lincoln and from Lincoln Parks and Recreation. Paid with grant dollars only.

| | |
|-----------------------|---|
| Budget Outcome: | Innovative and Operationally Excellent City |
| Date Anticipated: | 2023 |
| Rating: | C |
| Status: | New |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | |
|--|------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | Prior Appropriations: | | | | | | |
| 6 yr appropriations | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
| Other Financing | \$ 400,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 400,000 |
| 6 yr estimated cost by activity | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | |
| Capital Improvements | x | | | | | | |

Project: Biogas/Landfill Gas to Renewable Energy

Description:

Landfill gas must be extracted from the Bluff Road Landfill as required by the EPA Clean Air Act in order to reduce emissions harmful to the environment. Electrical energy is currently produced from the extracted and processed landfill gas through an agreement with Lincoln Electric System (LES). As the Landfill grows more of this gas is produced. Solid Waste Operations is looking at alternative ways to utilize all of this gas in the best interest of the City.

Solid Waste Operations requested Letters of Interest and will be requesting proposals in 2022 that will become the basis for a public private partnership paying for the development and maintenance of a new system. Contracts anticipated in FY 2022/23.

The project is part of Solid Waste Disposal/Landfill.

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|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | C |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|
| Prior Appropriations: | | | | | | | | |
| 6 yr appropriations | | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> | |
| Other Financing | \$ 30,000,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 30,000,000 | |
| 6 yr estimated cost by activity | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | |
| Capital Improvements | x | | | | | | | |

Project: Closure/End Use of North 48th Street Landfill

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.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | C |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|
| Prior Appropriations: | | X | | | | | | |
| 6 yr appropriations | | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> | |
| CIP-Landfill Fee | \$ - | \$ - | \$ - | \$ - | \$ 100,000 | \$ 100,000 | \$ 200,000 | |
| 6 yr estimated cost by activity | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | |
| Capital Improvements | | | | | x | x | | |

Project: Final Cap/Gas System - Bluff Road Landfill

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.

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|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | A |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|
| Prior Appropriations: | | | | | | | | |
| 6 yr appropriations | | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> | |
| CIP-Landfill Fee | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,000,000 | \$ 5,000,000 | |
| 6 yr estimated cost by activity | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | |
| Capital Improvements | | | | | | x | | |

Project: Final Cover - Construction/Demolition Waste Landfill

Description:

The purchase and placement of soil is necessary for final cover construction at the North 48th Street Construction and Demolition Waste Landfill. The final cover must be designed and constructed in accordance with Nebraska Department of Environmental Quality regulations. The final cover is constructed and vegetated as areas of the landfill reach capacity.

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

The project is part of Other Waste Management Programs

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|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | A |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|
| Prior Appropriations: | | X | | | | | | |
| 6 yr appropriations | | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> | |
| CIP-Landfill Fee | \$ - | \$ 800,000 | \$ - | \$ - | \$ - | \$ - | \$ 800,000 | |
| 6 yr estimated cost by activity | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | |
| Capital Improvements | | x | | | | | | |

Project: Gas Collection and Control System

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 user fees, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | A |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | |
|--|------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | Prior Appropriations: | X | | | | | |
| 6 yr appropriations | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
| CIP-Landfill Fee | \$ 350,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 250,000 | \$ 1,600,000 |
| 6 yr estimated cost by activity | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | |
| Capital Improvements | x | x | x | x | x | x | |

Project: Land Acquisition/Soil Purchases

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, which may include revenue bond proceeds.

The project is part of Solid Waste Disposal/Landfill.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | C |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | |
|--|------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | Prior Appropriations: | X | | | | | |
| 6 yr appropriations | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
| CIP-Landfill Fee | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 100,000 | \$ 600,000 |
| 6 yr estimated cost by activity | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | |
| Capital Improvements | x | x | x | x | x | x | |

Project: Liner/Leachate System - Bluff Road Landfill

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.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | A |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

Prior Appropriations:

6 yr appropriations

| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| CIP-Landfill Fee | \$ - | \$ - | \$ 5,000,000 | \$ 5,000,000 | \$ - | \$ - | \$ 10,000,000 |

6 yr estimated cost by activity

| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capital Improvements | | | x | x | | |

Project: Organic Waste Processing Facility

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.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | B |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

Prior Appropriations: X

6 yr appropriations

| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| CIP-User Fee/Occ Tax | \$ 350,000 | \$ 100,000 | \$ 100,000 | \$ 350,000 | \$ 100,000 | \$ 100,000 | \$ 1,100,000 |

6 yr estimated cost by activity

| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capital Improvements | x | x | x | x | x | x |

Project: Other Waste Management Programs

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)
 Transfer Station
 Construction & Demolition Waste Landfill
 Organic Waste Processing Facility
 Waste Diversion/Recyclables Collection
 Solid Waste Management Plan/Implementation
 Acquire/Recondition Equipment

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
 Storage Garage for Hazardous Materials Emergency Response Program; anticipated FY 22-23; \$400K, funded via an ARPA grant through Lincoln-Lancaster County Health Department.

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 primarily funded by system revenues, which may include revenue bond proceeds.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | B |
| Status: | New |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|
| Prior Appropriations: | X | | | | | | |
|------------------------------|---|--|--|--|--|--|--|

6 yr appropriations

| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Other Financing | \$ 400,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 400,000 |
| CIP-User Fee/Occ Tax | \$ 100,000 | \$ 15,000 | \$ 15,000 | \$ 75,000 | \$ 100,000 | \$ 15,000 | \$ 320,000 |

6 yr estimated cost by activity

| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Capital Improvements | x | x | x | x | x | x |

Project: Recyclables Collection Program

Description:

The project organized the recyclables collection sites in the city to larger ('mega") sites. The concept reflects a transition to 5 or 6 sites (from the 30 smaller sites that existed in the city and county in 2019) situated to serve the citizens of Lincoln and the residents in the villages and rural areas of the county who might choose to utilize the sites rather than recycle curbside. The amount requested brings the total funded to the anticipated level needed for the construction of the final two of the larger sites. The infrastructure includes asphalt/concrete, electrical, lighting, fencing, landscaping, signage, and surveillance cameras,

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

The project is part of Other Wastes Management Programs.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | A |
| Status: | New |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | |
|------------------------------|---|--|--|--|--|--|--|
| Prior Appropriations: | X | | | | | | |
|------------------------------|---|--|--|--|--|--|--|

6 yr appropriations

| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| CIP-User Fee/Occ Tax | \$ 700,000 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 700,000 |

6 yr estimated cost by activity

| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
| Capital Improvements | x | | | | | | |

Project: Solid Waste Disposal/Landfill

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 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 the 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 on-going funding for improvements of 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 25 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. A convenience unloading area near the entrance is contemplated to eliminate the high risk customer visits where trailers are hand-unloaded at the active face of the landfill. 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.

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 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; Customer Convenience Center; anticipated FY 22-23; \$1.5M

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 revenues, which may include revenue bond proceeds.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | B |
| Status: | New |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | |
|--|------------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|--|
| | Prior Appropriations: | X | | | | | | |
| 6 yr appropriations | | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> | |
| CIP-Landfill Fee | \$ 1,785,000 | \$ 285,000 | \$ 285,000 | \$ 285,000 | \$ 285,000 | \$ 285,000 | \$ 3,210,000 | |
| 6 yr estimated cost by activity | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | |
| Capital Improvements | x | x | x | x | x | x | | |

Project: Solid Waste Management Plan/Updates - Implementation

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.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | C |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|----|---|----|---|----|---|----|---------|
| Prior Appropriations: | | | | | | | | | | | | | | |
| 6 yr appropriations | | | | | | | | | | | | | | |
| CIP-Landfill Fee | \$ | - | \$ | - | \$ | 250,000 | \$ | - | \$ | - | \$ | - | \$ | 250,000 |
| 6 yr estimated cost by activity | | | | | | | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | | | | | | | |
| Capital Improvements | | | x | | | | | | | | | | | |

Project: Transfer Station

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.

| | |
|-----------------------|------------------------------|
| Budget Outcome: | Safe and Healthy City |
| Date Anticipated: | |
| Rating: | C |
| Status: | Continued |
| Comp Plan Conformity: | Generally Conforms with Plan |

| | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|---------|
| Prior Appropriations: | | | | | | | | |
| 6 yr appropriations | | | | | | | | |
| Funding Source | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | <u>6 yr Total</u> | |
| CIP-User Fee/Occ Tax | \$ | 150,000 | \$ | - | \$ | - | \$ | 300,000 |
| 6 yr estimated cost by activity | | | | | | | | |
| Activity type | <u>2022/2023</u> | <u>2023/2024</u> | <u>2024/2025</u> | <u>2025/2026</u> | <u>2026/2027</u> | <u>2027/2028</u> | | |
| Capital Improvements | x | | | x | | | | |