

# LINCOLN ELECTRIC SYSTEM (LES)

Project Title	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
G:Communications	\$567,000	\$641,000	\$684,000	\$546,000	\$500,000	\$500,000	\$3,438,000
G:LES Operations Center Covered Carport	\$0	\$0	\$0	\$0	\$0	\$917,000	\$917,000
G:Meters	\$648,000	\$949,000	\$7,750,000	\$10,000,000	\$10,000,000	\$4,000,000	\$33,347,000
G:Misc Ongoing Facility Equipment Upgrades	\$1,892,000	\$2,151,000	\$2,564,000	\$1,556,000	\$919,000	\$748,000	\$9,830,000
G:Service Center Facility Equipment Upgrades	\$6,806,000	\$5,626,000	\$1,344,000	\$0	\$0	\$0	\$13,776,000
L:Misc Ongoing Lighting Projects	\$25,000	\$22,000	\$24,000	\$26,000	\$27,000	\$28,000	\$152,000
O:Extensions	\$1,008,000	\$658,000	\$569,000	\$586,000	\$608,000	\$631,000	\$4,060,000
O:Major Circuits	\$970,000	\$787,000	\$1,287,000	\$894,000	\$478,000	\$415,000	\$4,831,000
O:Rebuilds	\$5,206,000	\$4,439,000	\$4,116,000	\$3,773,000	\$3,705,000	\$3,763,000	\$25,002,000
O:Relocations	\$161,000	\$120,000	\$113,000	\$117,000	\$121,000	\$125,000	\$757,000
O:Service Area Adjustments	\$0	\$375,000	\$500,000	\$125,000	\$0	\$0	\$1,000,000
P:Laramie River Station	\$3,905,000	\$3,439,000	\$1,789,000	\$1,327,000	\$952,000	\$512,000	\$11,924,000
P:Local Generation Rokeby Environmental, Regulatory & Safety	\$6,427,000	\$470,000	\$470,000	\$500,000	\$510,000	\$510,000	\$8,887,000
P:Local Generation TBGS Environmental, Regulatory & Safety	\$276,000	\$300,000	\$300,000	\$319,000	\$325,000	\$325,000	\$1,845,000
P:Misc Environmental, Safety, Security, & Efficiency	\$8,062,000	\$7,455,000	\$7,260,000	\$3,934,000	\$2,985,000	\$6,988,000	\$36,684,000
P:Power Supply Sites	\$0	\$563,000	\$8,625,000	\$40,688,000	\$50,500,000	\$20,125,000	\$120,501,000
P:Walter Scott Energy Center #4	\$5,608,000	\$3,612,000	\$1,749,000	\$3,076,000	\$7,191,000	\$2,661,000	\$23,897,000
S:105th & Pioneers Substation	\$0	\$338,000	\$378,000	\$4,262,000	\$1,922,000	\$177,000	\$7,077,000
S:30th & A Replace Transformer	\$1,278,000	\$1,951,000	\$520,000	\$0	\$0	\$0	\$3,749,000
S:3rd & Van Dorn Add Transmission Breaker	\$0	\$236,000	\$433,000	\$118,000	\$0	\$0	\$787,000
S:40th & Gertie Replace Transformer	\$3,965,000	\$1,702,000	\$170,000	\$0	\$0	\$0	\$5,837,000
S:56th & Everett Replace Transformer	\$0	\$338,000	\$719,000	\$3,297,000	\$1,032,000	\$0	\$5,386,000
S:56th & Q Replace Transformer	\$338,000	\$734,000	\$4,338,000	\$1,942,000	\$189,000	\$0	\$7,541,000
S:57th & Garland Replace Transformer	\$696,000	\$75,000	\$0	\$0	\$0	\$0	\$771,000
S:59th & Cornhusker Add Transmission Breaker	\$0	\$0	\$0	\$0	\$0	\$241,000	\$241,000
S:70th & Bluff Replace Transformer	\$0	\$375,000	\$695,000	\$3,040,000	\$2,480,000	\$510,000	\$7,100,000
S:70th & Calvert Replace Transformer	\$0	\$0	\$0	\$0	\$0	\$338,000	\$338,000
S:LOC Demo/Training Substation	\$516,000	\$0	\$0	\$281,000	\$375,000	\$94,000	\$1,266,000
S:Misc Ongoing Construction	\$968,000	\$455,000	\$286,000	\$294,000	\$303,000	\$312,000	\$2,618,000
S:North Bluff Substation	\$1	\$0	\$0	\$0	\$0	\$0	\$1
S:Substation Sites	\$217,000	\$200,000	\$219,000	\$225,000	\$225,000	\$244,000	\$1,330,000
S:SW27th & F Add Transmission Breaker	\$0	\$236,000	\$433,000	\$118,000	\$0	\$0	\$787,000
S:Wagener Replace Transformer	\$375,000	\$125,000	\$375,000	\$678,000	\$1,842,000	\$3,118,000	\$6,513,000
S:West Lincoln Site Remediation	\$0	\$0	\$38,000	\$350,000	\$113,000	\$0	\$501,000
T: 56th, Q - Everett	\$0	\$0	\$43,000	\$485,000	\$1,006,000	\$513,000	\$2,047,000
T:128th & Pioneers - 103rd & Rokeby	\$56,000	\$986,000	\$2,072,000	\$1,012,000	\$143,000	\$0	\$4,269,000
T:29th & Leighton - 33rd & Superior	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
T:56th & Everett - Elkcrest / Rebuild L1189T	\$402,000	\$107,000	\$0	\$0	\$0	\$0	\$509,000
T:56th, Garland - Q	\$0	\$0	\$0	\$44,000	\$509,000	\$1,065,000	\$1,618,000
T:6th & Pioneers - 20th & Pioneers	\$0	\$0	\$0	\$0	\$44,000	\$463,000	\$507,000
T:Bennet - Martell	\$0	\$33,000	\$535,000	\$1,181,000	\$576,000	\$80,000	\$2,405,000
T:Martell - Stagecoach	\$1,835,000	\$1,088,000	\$167,000	\$0	\$0	\$0	\$3,090,000
T:Misc. Construction/Rebuild	\$379,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,129,000
T:North Bluff Transmission	\$1	\$0	\$0	\$0	\$0	\$0	\$1
T:Right-of-Way/Easements	\$163,000	\$188,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,151,000
T:Stagecoach - Princeton	\$769,000	\$1,736,000	\$892,000	\$133,000	\$0	\$0	\$3,530,000
T:Upgrade L1559 (SPP)	\$10,000	\$303,000	\$390,000	\$97,000	\$0	\$0	\$800,000
U:Extensions	\$9,101,000	\$8,666,000	\$8,955,000	\$9,273,000	\$9,573,000	\$9,870,000	\$55,438,000
U:Major Circuits	\$2,115,000	\$2,780,000	\$3,038,000	\$2,285,000	\$2,046,000	\$2,072,000	\$14,336,000
U:Rebuilds	\$3,425,000	\$3,583,000	\$3,081,000	\$3,547,000	\$3,865,000	\$2,026,000	\$19,527,000
U:Relocations	\$5,688,000	\$7,057,000	\$7,441,000	\$7,543,000	\$5,649,000	\$5,306,000	\$38,684,000
W:OH Distribution - Waverly	\$22,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$122,000
W:Street Light - Waverly	\$12,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$67,000
W:UG Distribution - Waverly	\$388,000	\$291,000	\$253,000	\$253,000	\$253,000	\$253,000	\$1,691,000
<b>Total:</b>	<b>\$74,279,002</b>	<b>\$65,571,000</b>	<b>\$75,196,000</b>	<b>\$108,506,000</b>	<b>\$111,547,000</b>	<b>\$69,546,000</b>	<b>\$504,645,002</b>

Project Title	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$74,279,002	\$65,571,000	\$75,196,000	\$108,506,000	\$111,547,000	\$69,546,000	\$504,645,002

# G:Communications

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

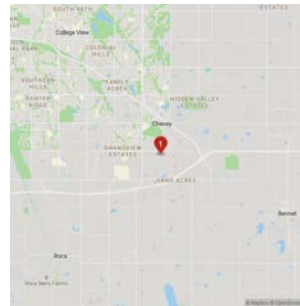
This project includes various communication projects that are required to enhance customer service and system reliability. These include, but are not limited to, fiber route installations, radio, and other types of communications equipment.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$567,000	\$641,000	\$684,000	\$546,000	\$500,000	\$500,000	\$3,438,000
<b>Total</b>	<b>\$567,000</b>	<b>\$641,000</b>	<b>\$684,000</b>	<b>\$546,000</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>\$3,438,000</b>

# G:LES Operations Center Covered Carport

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2029
Est. Completion Date	12/31/2031
Department	LES
Type	Capital Improvement

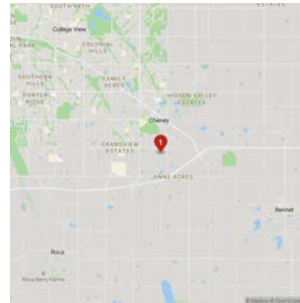
## Description

Design and construction of a second carport at the LES Operations Center at 9445 Rokeby Rd.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$0	\$0	\$0	\$917,000	\$917,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$917,000</b>	<b>\$917,000</b>

# G:Meters

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

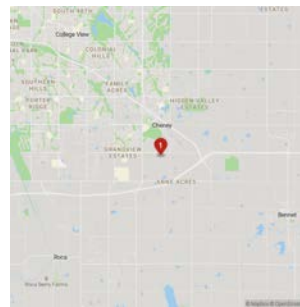
This project includes the purchase of various types of programmable electric meters for all classes of LES customers including residential, commercial and industrial. In 2024, LES will continue to expand the automated meter technology throughout the service territory. LES is in the process of reviewing its metering roadmap and plans to further evaluate advancing technologies in metering. Enhancements to LES' enterprise system and communications network will likely be required.

## Details

Status	Ongoing
Budget Outcome	Innovative and Operationally Excellent City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$648,000	\$949,000	\$7,750,000	\$10,000,000	\$10,000,000	\$4,000,000	\$33,347,000
<b>Total</b>	<b>\$648,000</b>	<b>\$949,000</b>	<b>\$7,750,000</b>	<b>\$10,000,000</b>	<b>\$10,000,000</b>	<b>\$4,000,000</b>	<b>\$33,347,000</b>

# G:Misc Ongoing Facility Equipment Upgrades

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

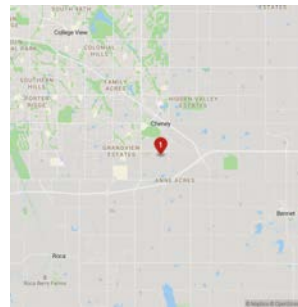
Design and construction of major facility equipment updates at various LES owned buildings, including the LES Operations Center, Walter A. Canney Service Center, Data Center, and Substations. Updates include replacing major system components that are outdated with more efficient and serviceable equipment.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 2620 Fairfield Street



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$1,892,000	\$2,151,000	\$2,564,000	\$1,556,000	\$919,000	\$748,000	\$9,830,000
<b>Total</b>	<b>\$1,892,000</b>	<b>\$2,151,000</b>	<b>\$2,564,000</b>	<b>\$1,556,000</b>	<b>\$919,000</b>	<b>\$748,000</b>	<b>\$9,830,000</b>

# G:Service Center Facility Equipment Upgrades

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Est. Completion Date	12/31/2027
Department	LES
Type	Capital Improvement

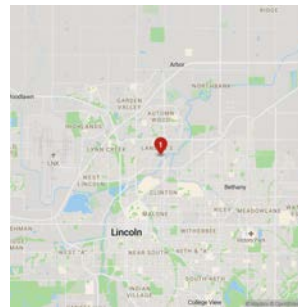
## Description

Design and construction of major facility equipment updates at the Walter A. Canney Service Center. Updates include, but are not limited to, replacing major electrical, mechanical, and HVAC system components that are 30-40+ years old with more efficient and serviceable equipment.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$6,806,000	\$5,626,000	\$1,344,000	\$0	\$0	\$0	\$13,776,000
<b>Total</b>	<b>\$6,806,000</b>	<b>\$5,626,000</b>	<b>\$1,344,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$13,776,000</b>

# L:Misc Ongoing Lighting Projects

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

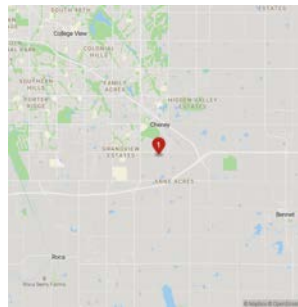
SECURITY LIGHTS Security lighting provides for lighting of private property, as requested by customers, for which they are charged a monthly fee. COUNTY STREET LIGHTS This budget item provides for street light facilities for Lancaster County roads. LES accounts for these facilities separately from City of Lincoln street light facilities.

## Details

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

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$25,000	\$22,000	\$24,000	\$26,000	\$27,000	\$28,000	\$152,000
<b>Total</b>	<b>\$25,000</b>	<b>\$22,000</b>	<b>\$24,000</b>	<b>\$26,000</b>	<b>\$27,000</b>	<b>\$28,000</b>	<b>\$152,000</b>

# O:Extensions

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

**RESIDENTIAL EXTENSIONS:** The residential extension item provides for the addition of overhead primary (12,500 volt) and secondary lines (low voltage) and equipment to new residential customers or to existing residential customers for increased load. This item also covers removal of existing overhead facilities when a service is converted to underground. Most new service conductors are installed underground.

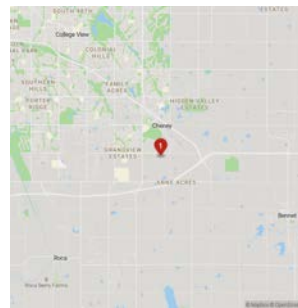
**COMMERCIAL/INDUSTRIAL:** A commercial/industrial extension is the addition of overhead primary, secondary, or service facilities or equipment to a new customer or to an existing customer for increased load, where the customer is commercial or industrial.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$1,008,000	\$658,000	\$569,000	\$586,000	\$608,000	\$631,000	\$4,060,000
<b>Total</b>	<b>\$1,008,000</b>	<b>\$658,000</b>	<b>\$569,000</b>	<b>\$586,000</b>	<b>\$608,000</b>	<b>\$631,000</b>	<b>\$4,060,000</b>



# O:Major Circuits

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

**FEEDERS** This item provides for ongoing construction of new overhead 12kV and 35kV feeders (main distribution circuits). Reconductoring of existing overhead feeders for capacity requirements and the installation of 600 amp disconnect switches for manual or automated sectionalizing are also covered by this project. Distribution feeder conductors are economically evaluated including the life-cycle cost of electrical losses. This allows LES to improve system monitoring, automated voltage/VAR control and install higher capacity lines with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

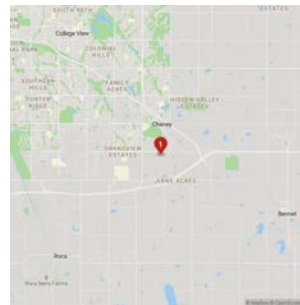
**CAPACITORS** This item provides for the installation of overhead pole-mounted distribution capacitor banks. Capacitors are used for power factor correction on the distribution system. These capacitors provide more economical operation and reduced greenhouse gases by reducing unmetered electric losses in the distribution and transmission system. They also provide needed voltage support at peak load conditions.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$970,000	\$787,000	\$1,287,000	\$894,000	\$478,000	\$415,000	\$4,831,000
<b>Total</b>	<b>\$970,000</b>	<b>\$787,000</b>	<b>\$1,287,000</b>	<b>\$894,000</b>	<b>\$478,000</b>	<b>\$415,000</b>	<b>\$4,831,000</b>

# O:Rebuilds

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

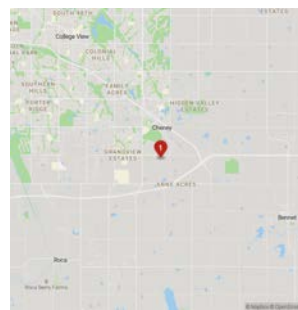
Replacement or removal of deteriorated (or otherwise obsolete) overhead facilities. Some rebuild work will be associated with new or increased loads. Rebuild work will also be required on joint poles with the telephone company. We will also annually test and treat poles with preservative to extend their life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$5,206,000	\$4,439,000	\$4,116,000	\$3,773,000	\$3,705,000	\$3,763,000	\$25,002,000
<b>Total</b>	<b>\$5,206,000</b>	<b>\$4,439,000</b>	<b>\$4,116,000</b>	<b>\$3,773,000</b>	<b>\$3,705,000</b>	<b>\$3,763,000</b>	<b>\$25,002,000</b>

# O:Relocations

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

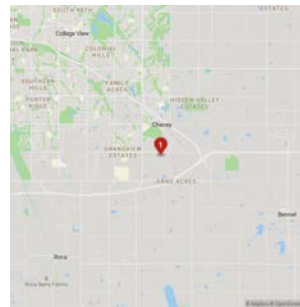
Relocation of existing overhead distribution facilities. This item also includes the overhead portion of an overhead-to-underground relocation project. Relocations are generally requested for federal, state, county, or city governmental agencies for road widening, sewer construction, etc. Customers also request relocation work for various projects. An "aid-to-construction", based on non-betterment cost to LES, is usually required for these projects.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$161,000	\$120,000	\$113,000	\$117,000	\$121,000	\$125,000	\$757,000
<b>Total</b>	<b>\$161,000</b>	<b>\$120,000</b>	<b>\$113,000</b>	<b>\$117,000</b>	<b>\$121,000</b>	<b>\$125,000</b>	<b>\$757,000</b>

# O:Service Area Adjustments

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

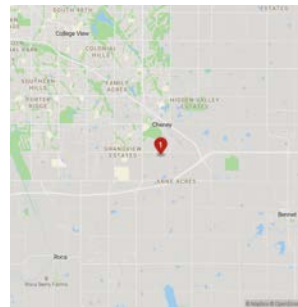
LES and Norris have entered into a Joint Planning Agreement. The agreement calls for the planning in a Joint Planning Area and the orderly transition of service area from Norris to LES as required to keep all of the City of Lincoln within LES' service area. These adjustments will provide a buffer area around the city limits to allow planning for infrastructure in these areas.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$375,000	\$500,000	\$125,000	\$0	\$0	\$1,000,000
<b>Total</b>	<b>\$0</b>	<b>\$375,000</b>	<b>\$500,000</b>	<b>\$125,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>

# P:Laramie River Station

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

LES' share of anticipated annual capital expenditures for the Laramie River Station (LRS), a three-unit 1670 MW plant. The LRS facility consistently ranks among the lowest cost generating stations in the United States. This performance record is a result of efficient and effective design and the continued review and upgrade of facility systems. The plant's facilities are in good working condition and in compliance with all environmental and other regulatory requirements. The plant just completed installation of the new NOx emissions control systems on all three units. After 40 years of operation, the system is beginning to show its age. This fact, coupled with technological advances, is cause for additional investments in the Plant. A number of significant plant improvement are scheduled for the 2024 through 2030-time frame, including upgrades which will improve plant efficiency, reliability, as well as reduce environmental impacts. Major projects include: upgrading multiple electrical distribution systems, 345 kV substation equipment upgrades and remediation of coal storage ponds (installing better pond liners).

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 244 Grayrocks Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$3,905,000	\$3,439,000	\$1,789,000	\$1,327,000	\$952,000	\$512,000	\$11,924,000
<b>Total</b>	<b>\$3,905,000</b>	<b>\$3,439,000</b>	<b>\$1,789,000</b>	<b>\$1,327,000</b>	<b>\$952,000</b>	<b>\$512,000</b>	<b>\$11,924,000</b>

# P:Local Generation Rokeby Environmental, Regulatory & Safety

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

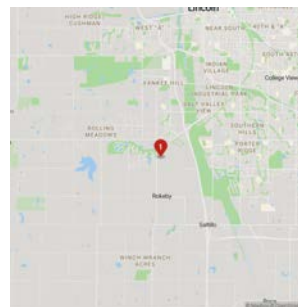
This item covers a variety of projects at local gas fired power plants: Rokeby Station and J Street Station. These plant improvements and upgrades are necessary to maintain the operating reliability, efficiency and market economics for these critical generating assets. Estimates are based on historical expenditures.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 8000 Southwest 12th Street



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$6,427,000	\$470,000	\$470,000	\$500,000	\$510,000	\$510,000	\$8,887,000
<b>Total</b>	<b>\$6,427,000</b>	<b>\$470,000</b>	<b>\$470,000</b>	<b>\$500,000</b>	<b>\$510,000</b>	<b>\$510,000</b>	<b>\$8,887,000</b>

# P:Local Generation TBGS Environmental, Regulatory & Safety

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

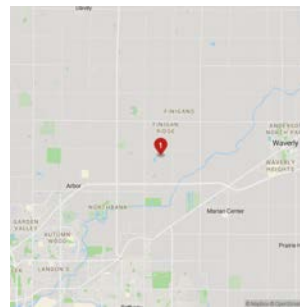
This item addresses a variety of projects at the Terry Bundy Generating Station. These plant improvements and upgrades are necessary to maintain operating reliability, efficiency and market economics for these critical generating assets. Estimates are based on historical expenditures.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 7707 Bluff Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$276,000	\$300,000	\$300,000	\$319,000	\$325,000	\$325,000	\$1,845,000
<b>Total</b>	<b>\$276,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$319,000</b>	<b>\$325,000</b>	<b>\$325,000</b>	<b>\$1,845,000</b>

# P:Misc Environmental, Safety, Security, & Efficiency

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

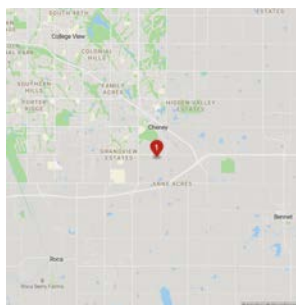
Provides for both planned and unanticipated capital expenditures imposed by regulatory or operational requirements, equipment upgrades or to address critical safety issues. Based on operating experience in the Southwest Power Pool (SPP) Integrated Market (IM), LES' local generating assets have reached a new level of required performance and availability. With requirements of the SPP Market, it will be critical to maintain these generating assets at a high operational level. Changing environmental regulations and permitting mandates often require unit modifications. Physical and cyber security requirements for the sites' and associated control systems have become a significant driver for capital investments. It is anticipated the security mandates from organizations such as NERC, FERC and Homeland Security will only grow in scope. Equipment upgrades to improve plant performance is also covered in this item.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$8,062,000	\$7,455,000	\$7,260,000	\$3,934,000	\$2,985,000	\$6,988,000	\$36,684,000
<b>Total</b>	<b>\$8,062,000</b>	<b>\$7,455,000</b>	<b>\$7,260,000</b>	<b>\$3,934,000</b>	<b>\$2,985,000</b>	<b>\$6,988,000</b>	<b>\$36,684,000</b>



# P:Power Supply Sites

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

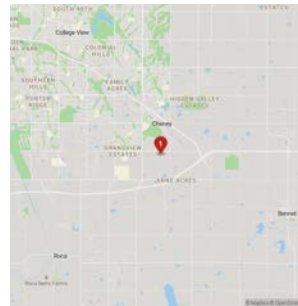
Real property acquisitions and/or equipment additions for new, and expansion of existing, generation related sites as required for supporting continued growth and efficient and safe operation.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$563,000	\$8,625,000	\$40,688,000	\$50,500,000	\$20,125,000	\$120,501,000
<b>Total</b>	<b>\$0</b>	<b>\$563,000</b>	<b>\$8,625,000</b>	<b>\$40,688,000</b>	<b>\$50,500,000</b>	<b>\$20,125,000</b>	<b>\$120,501,000</b>

# P:Walter Scott Energy Center #4

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

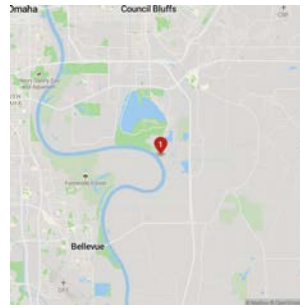
Ongoing capital investments in LES' newest base load power plant. LES is responsible for a 100 MW (12.76%) share of the WSEC Unit #4 capital investments. WSEC #4 uses a high efficiency, super critical steam boiler design and extensive emissions control systems, which significantly reduces fuel consumption and air emissions, compared to standard coal plant designs. As the plant ages additional investments will be required to maintain plant efficiency, reliability and market economics. Major projects include a waste ash pond closure and control system upgrades.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 7215 Navajo Street



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$5,608,000	\$3,612,000	\$1,749,000	\$3,076,000	\$7,191,000	\$2,661,000	\$23,897,000
<b>Total</b>	<b>\$5,608,000</b>	<b>\$3,612,000</b>	<b>\$1,749,000</b>	<b>\$3,076,000</b>	<b>\$7,191,000</b>	<b>\$2,661,000</b>	<b>\$23,897,000</b>

# S:105th & Pioneers Substation

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2026
Est. Completion Date	12/31/2031
Department	LES
Type	Capital Improvement

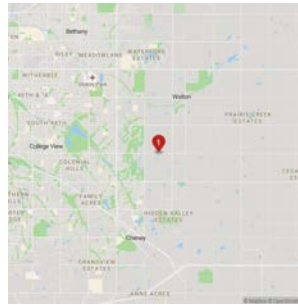
## Description

Add a 115-12kV, 36 MVA transformer and associated switchgear in a new substation at 105th & Pioneers. This substation will provide additional capacity to support future growth in southeast Lincoln as well as contingent support to the 91st & Hwy 2 and 81st & Old Cheney Substations.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$338,000	\$378,000	\$4,262,000	\$1,922,000	\$177,000	\$7,077,000
<b>Total</b>	<b>\$0</b>	<b>\$338,000</b>	<b>\$378,000</b>	<b>\$4,262,000</b>	<b>\$1,922,000</b>	<b>\$177,000</b>	<b>\$7,077,000</b>

# S:30th & A Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

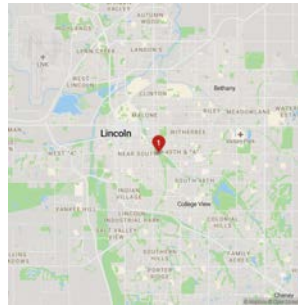
## Description

Replace the existing 115/12kV, 45 MVA transformer (T521) with a new 36 MVA transformer and 12kV switchgear. Transformer T521 was manufactured in 1978, and will be 46 years old in 2024. LES assumes an average life of 55 years for power transformers accordance with the Substation Transformer Replacement Study. However, this unit was identified as one of the top 10 transformers to be considered for replacement based on health, system impact, and age in Substation's annual assessment.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$1,278,000	\$1,951,000	\$520,000	\$0	\$0	\$0	\$3,749,000
<b>Total</b>	<b>\$1,278,000</b>	<b>\$1,951,000</b>	<b>\$520,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,749,000</b>

# S:3rd & Van Dorn Add Transmission Breaker

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2025
Department	LES
Type	Capital Improvement

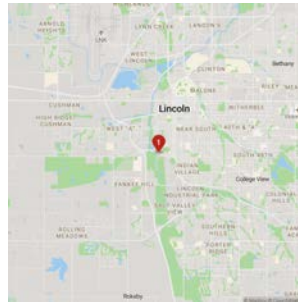
## Description

An LES sub-group evaluated existing two-terminal "tap" distribution substations to identify locations that would experience a significant increase in reliability by adding a transmission breaker. This site was identified as one of the top 4 sites in that evaluation in terms of benefit vs. cost of performing the upgrade. This project will install a 115kV transmission breaker to further segment the transmission system. Adding a breaker will allow for auto-isolation to re-energize all transformers quickly in the event of a transmission fault. The design standard for new two-terminal distribution substations now includes a transmission breaker to increase reliability.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$236,000	\$433,000	\$118,000	\$0	\$0	\$787,000
<b>Total</b>	<b>\$0</b>	<b>\$236,000</b>	<b>\$433,000</b>	<b>\$118,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$787,000</b>

# S:40th & Gertie Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

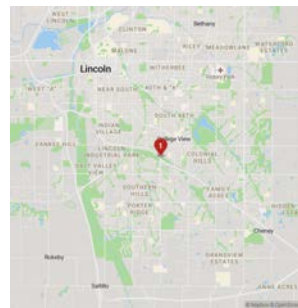
## Description

Replace the existing 115-12kV, 28 MVA transformer (T581) with a new 36 MVA transformer and 12kV switchgear. Transformer T581 was manufactured in 1974, will be 50 years old in 2024. This project provides replacement of older 115-12kV transformers in accordance with the Substation Transformer Replacement Study.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$3,965,000	\$1,702,000	\$170,000	\$0	\$0	\$0	\$5,837,000
<b>Total</b>	<b>\$3,965,000</b>	<b>\$1,702,000</b>	<b>\$170,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,837,000</b>

# S:56th & Everett Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2026
Department	LES
Type	Capital Improvement

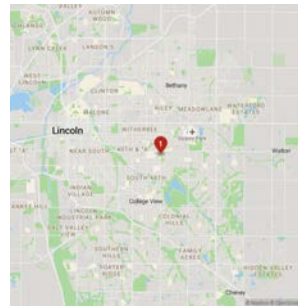
## Description

Replace the existing 115-12kV, 28 MVA transformer (T561) with a new 36 MVA transformer and 12kV switchgear. Transformer T561 was manufactured in 1972, will be 54 years old in 2026. This project provides replacement of older 115-12kV transformers in accordance with the Substation Transformer Replacement Study. It will also provide additional capacity at the 56th & Everett Substation.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$338,000	\$719,000	\$3,297,000	\$1,032,000	\$0	\$5,386,000
<b>Total</b>	<b>\$0</b>	<b>\$338,000</b>	<b>\$719,000</b>	<b>\$3,297,000</b>	<b>\$1,032,000</b>	<b>\$0</b>	<b>\$5,386,000</b>

# S:56th & Q Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

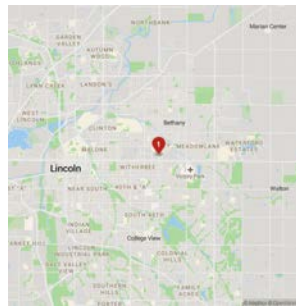
## Description

Replace the existing 115-12kV, 28 MVA transformer (T601) with a new 36 MVA transformer and 12kV switchgear. Transformer T601 was manufactured in 1969, will be 56 years old in 2025. This project provides replacement of older 115-12kV transformers in accordance with the Substation Transformer Replacement Study. It will also provide additional capacity at the 56th & Q Substation.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$338,000	\$734,000	\$4,338,000	\$1,942,000	\$189,000	\$0	\$7,541,000
<b>Total</b>	<b>\$338,000</b>	<b>\$734,000</b>	<b>\$4,338,000</b>	<b>\$1,942,000</b>	<b>\$189,000</b>	<b>\$0</b>	<b>\$7,541,000</b>



# S:57th & Garland Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2023
Department	LES
Type	Capital Improvement

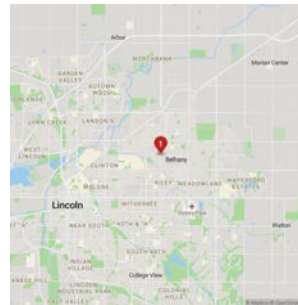
## Description

Replace an existing 115-12kV transformer (T622) with a new 36 MVA transformer and 12kV switchgear. This project provides replacement of older 115-12kV transformers in accordance with the Substation Transformer Replacement Study.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$696,000	\$75,000	\$0	\$0	\$0	\$0	\$771,000
<b>Total</b>	<b>\$696,000</b>	<b>\$75,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$771,000</b>

# S:59th & Cornhusker Add Transmission Breaker

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2029
Department	LES
Type	Capital Improvement

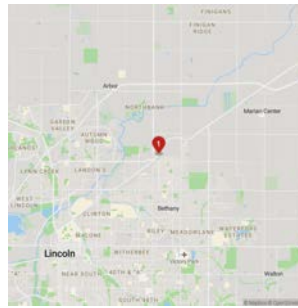
## Description

This project will install a 115kV transmission breaker to further segment the transmission system. Adding a breaker will allow for autoisolation to re-energize all transformers quickly in the event of a transmission fault. The design standard for similar substations now includes a transmission breaker to increase reliability.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$0	\$0	\$0	\$241,000	\$241,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$241,000</b>	<b>\$241,000</b>

# S:70th & Bluff Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2025
Department	LES
Type	Capital Improvement

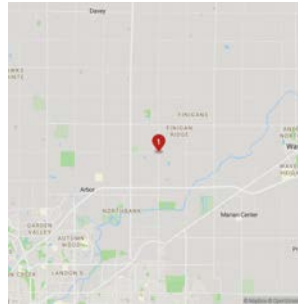
## Description

This project recognizes the possibility of replacing the existing 161-115kV, 100 MVA transformer (T691) which was manufactured in 1956, will be 70 years old in 2026 and is the oldest transformer in the system. This transformer provides a connection with the OPPD service area through 161kV Line 1559 which is proposed to be rebuilt in the future. LES will coordinate with OPPD to evaluate the appropriate capacity and timing for the transformer and determine if it should be installed at the 70th & Bluff substation or in a new substation constructed closer to the Lancaster-Saunders County line or inside the OPPD service area.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$375,000	\$695,000	\$3,040,000	\$2,480,000	\$510,000	\$7,100,000
<b>Total</b>	<b>\$0</b>	<b>\$375,000</b>	<b>\$695,000</b>	<b>\$3,040,000</b>	<b>\$2,480,000</b>	<b>\$510,000</b>	<b>\$7,100,000</b>

# S:70th & Calvert Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2029
Department	LES
Type	Capital Improvement

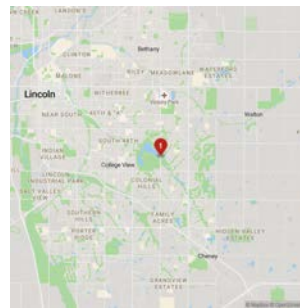
## Description

This project will replace the existing transformer (T702) and install 12kV switchgear. Transformer T702 was manufactured in 1975, and will be 55 years old in 2030. LES assumes an average life of 55 years for power transformers. This unit was identified as one of the top 10 transformers for replacement based on health, system/environment impact, and age in LES' annual assessment.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$0	\$0	\$0	\$338,000	\$338,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$338,000</b>	<b>\$338,000</b>

# S:LOC Demo/Training Substation

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

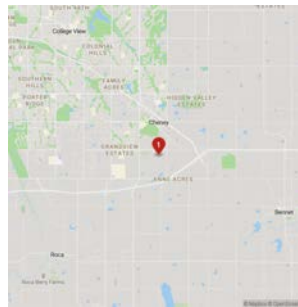
## Description

Construct a training substation at the Lincoln Operations Center. This will add a demonstration/training substation to allow crews/engineers to train and practice their skills in a safe environment with no risk of outage or equipment damage. This is similar to NPPD's recent addition at their York facility. This item also includes the construction of an outdoor training facility to be used in tandem with the training substation.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$516,000	\$0	\$0	\$281,000	\$375,000	\$94,000	\$1,266,000
<b>Total</b>	<b>\$516,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$281,000</b>	<b>\$375,000</b>	<b>\$94,000</b>	<b>\$1,266,000</b>

# S:Misc Ongoing Construction

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

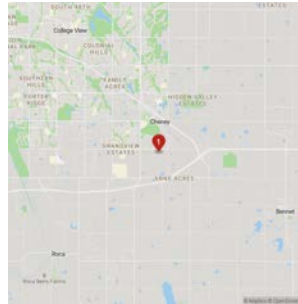
Various construction, rebuild and communication projects that are required to enhance customer service and reliability. This could include equipment replacement, landscaping/visual screening, terminal modifications, or other changes at existing substations.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$968,000	\$455,000	\$286,000	\$294,000	\$303,000	\$312,000	\$2,618,000
<b>Total</b>	<b>\$968,000</b>	<b>\$455,000</b>	<b>\$286,000</b>	<b>\$294,000</b>	<b>\$303,000</b>	<b>\$312,000</b>	<b>\$2,618,000</b>

# S:North Bluff Substation

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

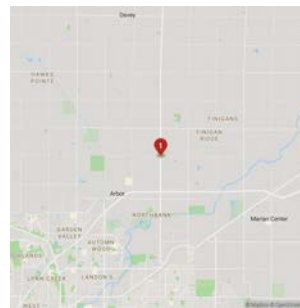
## Description

Construct a new 115kV switching substation including purchase and installation of necessary equipment to support large load growth in the N 56th & Bluff Rd area. LES anticipates outside funding from the end-use customer to complete the project. A placeholder value is currently shown for capital costs.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$1	\$0	\$0	\$0	\$0	\$0	\$1
<b>Total</b>	<b>\$1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1</b>

# S:Substation Sites

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

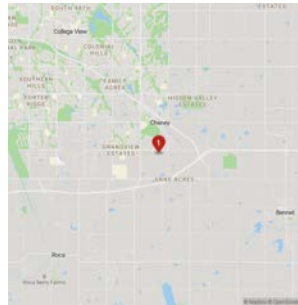
Real property acquisitions for new, and expansion of existing, substation related sites as required for supporting continued growth and efficient and safe operation.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$217,000	\$200,000	\$219,000	\$225,000	\$225,000	\$244,000	\$1,330,000
<b>Total</b>	<b>\$217,000</b>	<b>\$200,000</b>	<b>\$219,000</b>	<b>\$225,000</b>	<b>\$225,000</b>	<b>\$244,000</b>	<b>\$1,330,000</b>



# S:SW27th & F Add Transmission Breaker

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2026
Department	LES
Type	Capital Improvement

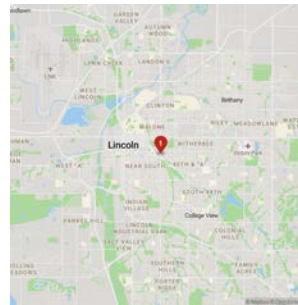
## Description

An LES sub-group evaluated existing two-terminal "tap" distribution substations to identify locations that would experience a significant increase in reliability by adding a transmission breaker. This site was identified as one of the top 4 sites in that evaluation in terms of benefit vs. cost of performing the upgrade. This project will install a 115kV transmission breaker to further segment the transmission system. The design standard for new two-terminal distribution substations now includes a transmission breaker to increase reliability.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$236,000	\$433,000	\$118,000	\$0	\$0	\$787,000
<b>Total</b>	<b>\$0</b>	<b>\$236,000</b>	<b>\$433,000</b>	<b>\$118,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$787,000</b>

# S:Wagener Replace Transformer

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

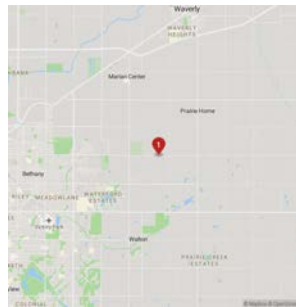
## Description

This project will replace the existing transformer (T851) and install a 13.8kV tertiary connected shunt reactor. Transformer T851 was manufactured in 1969, will be 60 years old in 2029, and is the oldest 345-115kV transformer in the system. LES will determine if the new transformer would be best installed as a replacement for existing T851 at the Wagener substation or another substation for security and diversity of supply.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$375,000	\$125,000	\$375,000	\$678,000	\$1,842,000	\$3,118,000	\$6,513,000
<b>Total</b>	<b>\$375,000</b>	<b>\$125,000</b>	<b>\$375,000</b>	<b>\$678,000</b>	<b>\$1,842,000</b>	<b>\$3,118,000</b>	<b>\$6,513,000</b>

# S:West Lincoln Site Remediation

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2027
Department	LES
Type	Capital Improvement

## Description

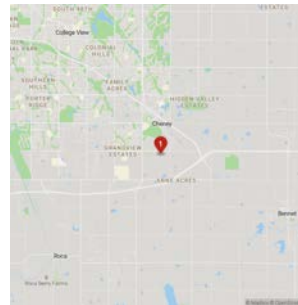
Retire foundations and underground facilities in the original West Lincoln substation which was constructed in the 1930's. The equipment and above ground structures were retired in 2021 after the replacement substation was constructed east of the original location in 2020. The original substation design included a masonry control building with a transformer repair facility, underground storage tanks and an oil circulation piping system between the building and transformers in the yard. The building basement contains a synchronous capacitor with identified PCB contamination which will be removed for appropriate disposal. After the facilities and foundations are removed, the surrounding soil and surface rock will be tested to identify any contaminated areas requiring additional remediation which will be conducted in accordance with established policies and practices.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$38,000	\$350,000	\$113,000	\$0	\$501,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$38,000</b>	<b>\$350,000</b>	<b>\$113,000</b>	<b>\$0</b>	<b>\$501,000</b>

# T: 56th, Q - Everett

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2026
Department	LES
Type	Capital Improvement

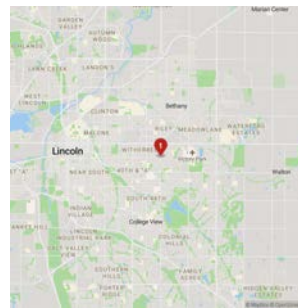
## Description

Rebuild 1.4 miles of the existing 115kV Line 5660 between 56th & Everett and 56th & Q substations. The original poles were gas treated and do not have the life expectancy of a typical wood pole. The poles were inspected/tested/treated in late 2012. The existing 115kV line was installed in 1970, will be 55 years old in 2025 and is reaching the end of its useful life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$43,000	\$485,000	\$1,006,000	\$513,000	\$2,047,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$43,000</b>	<b>\$485,000</b>	<b>\$1,006,000</b>	<b>\$513,000</b>	<b>\$2,047,000</b>

# T:128th & Pioneers - 103rd & Rokeby

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

## Description

Rebuild 4.7 miles of the existing 345kV Line 8589 between the vicinity of 128th & Pioneers and the 103rd & Rokeby substation. The 345kV line between Mark Moore and 128th & Pioneers was installed in 1971 using wood pole H-frame structures. This segment will be 57 years old in 2028 and is reaching the end of its useful life. In 2021, LES made the decision to rebuild lines along diagonal corridors in place rather than re-routing along section and half-section lines. This approach generally minimizes overall impacts to the community and greatly reduces project costs.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$56,000	\$986,000	\$2,072,000	\$1,012,000	\$143,000	\$0	\$4,269,000
<b>Total</b>	<b>\$56,000</b>	<b>\$986,000</b>	<b>\$2,072,000</b>	<b>\$1,012,000</b>	<b>\$143,000</b>	<b>\$0</b>	<b>\$4,269,000</b>

# T:29th & Leighton - 33rd & Superior

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2029
Department	LES
Type	Capital Improvement

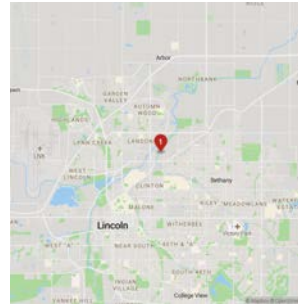
## Description

Rebuild 1.7 miles of the existing 115kV Line 3340 from the 29th & Leighton Substation to the 33rd & Superior Substation. The existing 115kV line was installed in 1979.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$0	\$0	\$0	\$35,000	\$35,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$35,000</b>	<b>\$35,000</b>

# T:56th & Everett - Elkcrest / Rebuild L1189T

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

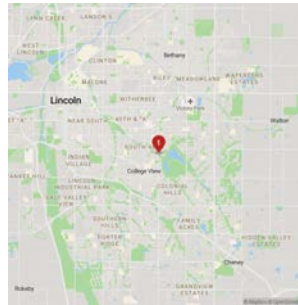
## Description

Rebuild 2.4 miles of the existing 115kV Line 1189T between 56th & Everett and the 115kV three line tap at 56th & Elkcrest. The original poles were gas treated and do not have the life expectancy of a typical wood pole. The poles were inspected/tested/treated in 2012, and again in 2018. The existing 115kV line was installed in 1971, will be 55 years old in 2026, and is reaching the end of its useful life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	Total
LES Revenues	\$402,000	\$107,000	\$0	\$0	\$0	\$509,000
<b>Total</b>	<b>\$402,000</b>	<b>\$107,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$509,000</b>

# T:56th, Garland - Q

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2027
Department	LES
Type	Capital Improvement

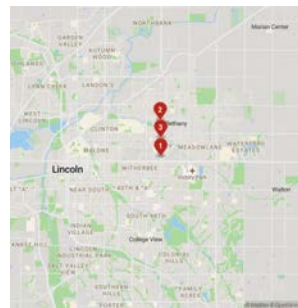
## Description

Rebuild 1.3 miles of the existing 115kV Line between 57th & Garland and 56th & Q substations. The original poles were gas treated and do not have the life expectancy of a typical wood pole. The poles were inspected/tested/treated in late 2012. The existing 115kV line was installed in 1969, will be 56 years old in 2025 and is reaching the end of its useful life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$0	\$44,000	\$509,000	\$1,065,000	\$1,618,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,000</b>	<b>\$509,000</b>	<b>\$1,065,000</b>	<b>\$1,618,000</b>



# T:6th & Pioneers - 20th & Pioneers

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2028
Department	LES
Type	Capital Improvement

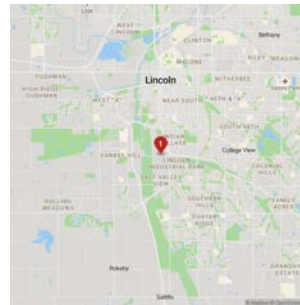
## Description

Rebuild 1.2 miles of the existing 115kV Line 1800B near Pioneers Boulevard, between 8th Street and the 20th and Pioneers Substation. The existing 115kV line was installed in 1975.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$0	\$0	\$0	\$44,000	\$463,000	\$507,000
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$44,000</b>	<b>\$463,000</b>	<b>\$507,000</b>

# T:Bennet - Martell

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2025
Department	LES
Type	Capital Improvement

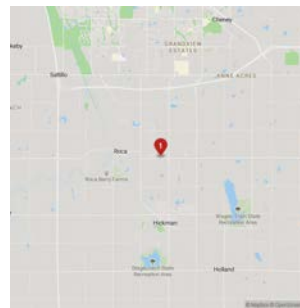
## Description

Rebuild 3.1 miles of the existing 345kV Line 3503 with bundled T2 IBIS conductors from structure 87 to structure 68. The poles were inspected/tested/treated in 2012 and 2018. The original 345 kV line between Mark Moore and 128th & Pioneers was installed in 1971 using wood pole K-frame structures, will be 56 years old in 2027, and is reaching the end of its useful life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$0	\$33,000	\$535,000	\$1,181,000	\$576,000	\$80,000	\$2,405,000
<b>Total</b>	<b>\$0</b>	<b>\$33,000</b>	<b>\$535,000</b>	<b>\$1,181,000</b>	<b>\$576,000</b>	<b>\$80,000</b>	<b>\$2,405,000</b>

# T:Martell - Stagecoach

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

## Description

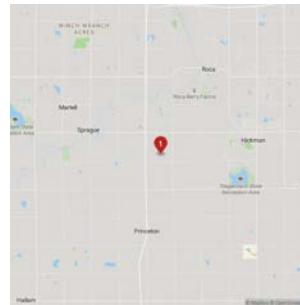
Rebuild 4.6 miles of the existing 345kV Line 3503 with bundled T2 IBIS conductors from structure 67 to structure 34. The poles were inspected/tested/treated in 2012 and 2018. The original 345 kV line between Mark Moore and 128th & Pioneers was installed in 1971 using wood pole K-frame structures, will be 55 years old in 2026, and is reaching the end of its useful life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 14311 Stagecoach Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$1,835,000	\$1,088,000	\$167,000	\$0	\$0	\$0	\$3,090,000
<b>Total</b>	<b>\$1,835,000</b>	<b>\$1,088,000</b>	<b>\$167,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,090,000</b>

# T:Misc. Construction/Rebuild

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

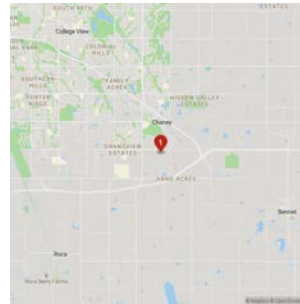
Smaller, miscellaneous 115kV and 345kV transmission construction and rebuild projects that are of a repetitive nature and occur annually. These projects can be related to new construction, upgrades or rebuilds.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$379,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$2,129,000
<b>Total</b>	<b>\$379,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$350,000</b>	<b>\$2,129,000</b>

# T:North Bluff Transmission

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

## Description

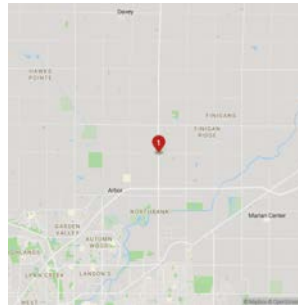
Easement acquisition and transmission construction work necessary to support the North Bluff Substation project. This includes, but is not limited to, 115kV transmission lines and structures and necessary construction costs at adjacent substation properties to support the new lines. LES anticipates outside funding from the end-use customer to complete the project. A placeholder value is currently shown for capital costs.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 601 Bluff Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$1	\$0	\$0	\$0	\$0	\$0	\$1
<b>Total</b>	<b>\$1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1</b>

# T:Right-of-Way/Easements

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

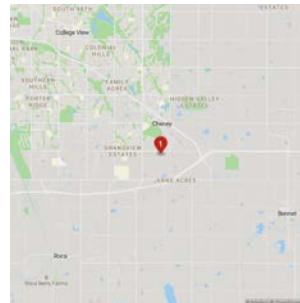
Purchase right-of-way (ROW) and easements for transmission lines. Construction damages are also included.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$163,000	\$188,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,151,000
<b>Total</b>	<b>\$163,000</b>	<b>\$188,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$1,151,000</b>

# T:Stagecoach - Princeton

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

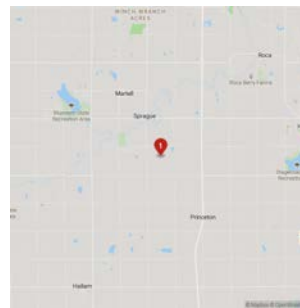
## Description

Rebuild 4.7 miles of the existing 345kV Line 3503 with bundled T2 IBIS conductors from structure 33 to structure 1. The poles were inspected/tested/treated in 2012 and 2018. The original 345 kV line between Mark Moore and 128th & Pioneers was installed in 1971 using wood pole K-frame structures, will be 58 years old in 2029, and is reaching the end of its useful life.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$769,000	\$1,736,000	\$892,000	\$133,000	\$0	\$0	\$3,530,000
<b>Total</b>	<b>\$769,000</b>	<b>\$1,736,000</b>	<b>\$892,000</b>	<b>\$133,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,530,000</b>

# T:Upgrade L1559 (SPP)

## Overview

Request Owner	LES CIP, LES
Est. Start Date	12/31/2024
Department	LES
Type	Capital Improvement

## Description

As part of the 2023 SPP ITP process, an upgrade to L1559 was identified as an economic need. Cost estimate includes replacing an estimated 24 existing structures with taller structures to eliminate the sag-related line rating limitations and support 215 MVA of transmission flow. SPP is expected to reimburse LES for one third of the total cost of this project, which is reflected in the CIP project costs.

## Details

Status	New
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$10,000	\$303,000	\$390,000	\$97,000	\$0	\$0	\$800,000
<b>Total</b>	<b>\$10,000</b>	<b>\$303,000</b>	<b>\$390,000</b>	<b>\$97,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$800,000</b>



# U:Extensions

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

**RESIDENTIAL EXTENSION:** This provides new underground primary, secondary or service additions including transformers and other required equipment. Also covered by this item are existing customers that request overhead to underground conversions of their electric service or upgrades for increased load.

**RESIDENTIAL DEVELOPMENT:** This provides underground primary, secondary, and other required equipment for new residential developments and apartment complexes.

**COMMERCIAL EXTENSION:** This provides for new commercial and industrial customers who require new underground primary, secondary or service installations and equipment. Other commercial customers will expand their business and will require upgraded service conductors and transformer capacities.

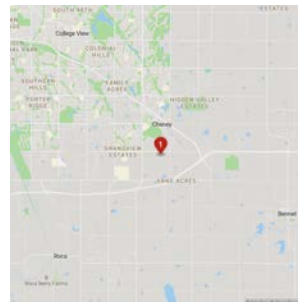
**COMMERCIAL DEVELOPMENT:** Newly platted commercial and industrial developments, including small shopping centers and offices are covered in this item.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$9,101,000	\$8,666,000	\$8,955,000	\$9,273,000	\$9,573,000	\$9,870,000	\$55,438,000
<b>Total</b>	<b>\$9,101,000</b>	<b>\$8,666,000</b>	<b>\$8,955,000</b>	<b>\$9,273,000</b>	<b>\$9,573,000</b>	<b>\$9,870,000</b>	<b>\$55,438,000</b>

# U:Major Circuits

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

**FEEDERS:** This project provides for construction of new underground 12kV and 35kV feeders (main distribution lines) as needed to serve system growth areas. The installation of manual or automated switchgear on new or existing feeders is also included in this item. Distribution feeder conductors are economically evaluated including the life-cycle cost of electrical losses. This allows LES to improve system monitoring, automated voltage/VAR control and install higher capacity lines with lower electrical losses (lower energy use and reduction of greenhouse gasses) while maintaining lowest overall cost for customers.

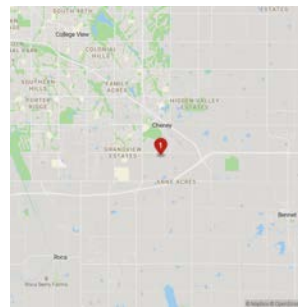
**PADMOUNT CAPACITORS** This item provides for the installation of padmounted capacitor banks on the underground distribution system. Capacitors are used for power factor correction on the distribution system. These capacitors provide a more economic operation and reduced greenhouse gases by reducing unmetered electric losses in the distribution and transmission system. They also provide needed voltage support at peak load conditions.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$2,115,000	\$2,780,000	\$3,038,000	\$2,285,000	\$2,046,000	\$2,072,000	\$14,336,000
<b>Total</b>	<b>\$2,115,000</b>	<b>\$2,780,000</b>	<b>\$3,038,000</b>	<b>\$2,285,000</b>	<b>\$2,046,000</b>	<b>\$2,072,000</b>	<b>\$14,336,000</b>

# U:Rebuilds

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

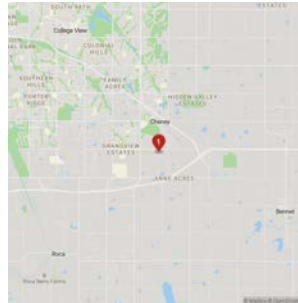
This item provides for replacement of existing underground facilities due to age, deterioration, or other operating problems. The identified projects are general system upgrades that will extend the life of existing underground facilities. Some of the underground cable and equipment is approaching the end of its useful life. The need is increasing to replace deteriorating underground cable and obsolete equipment to maintain adequate reliability levels for our customers. Replacements for some facilities are being installed due to indications that they have reached the end of their service life. Other replacement will be done on an "as required" basis.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$3,425,000	\$3,583,000	\$3,081,000	\$3,547,000	\$3,865,000	\$2,026,000	\$19,527,000
<b>Total</b>	<b>\$3,425,000</b>	<b>\$3,583,000</b>	<b>\$3,081,000</b>	<b>\$3,547,000</b>	<b>\$3,865,000</b>	<b>\$2,026,000</b>	<b>\$19,527,000</b>

# U:Relocations

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

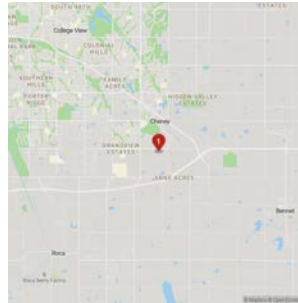
This item provides for the relocation of existing underground distribution facilities. This item also includes the underground portion of an overhead-to-underground relocation project. Relocations are generally requested by federal, state, county, or city governmental agencies for road widening, sewer construction, etc. Other relocation work is requested by customers. An "aid-to-construction", based on non-betterment cost to LES, is usually required for these projects. Project steps include: - Relocate existing overhead and underground lines and associated transformers and equipment for road widening projects, customer requests, and where economical. - Convert to underground about \$1M per year of existing overhead lines and associated transformers and equipment in the discretionary overhead to underground conversion program, but this is increasing to about \$2M per year during a portion of the current CIP 6-year window.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 9445 Rokeby Road



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$5,688,000	\$7,057,000	\$7,441,000	\$7,543,000	\$5,649,000	\$5,306,000	\$38,684,000
<b>Total</b>	<b>\$5,688,000</b>	<b>\$7,057,000</b>	<b>\$7,441,000</b>	<b>\$7,543,000</b>	<b>\$5,649,000</b>	<b>\$5,306,000</b>	<b>\$38,684,000</b>

# W:OH Distribution - Waverly

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

Various overhead distribution projects in Waverly city limits. This includes services for new customers as well as rebuilding existing facilities to maintain a reliable system.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 14210 Kenilworth Street



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$22,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$122,000
<b>Total</b>	<b>\$22,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$122,000</b>

# W:Street Light - Waverly

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

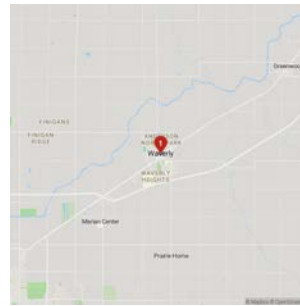
Various street light projects in Waverly city limits.

## Details

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

## Location

Address: 14210 Kenilworth Street



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$12,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$67,000
<b>Total</b>	<b>\$12,000</b>	<b>\$11,000</b>	<b>\$11,000</b>	<b>\$11,000</b>	<b>\$11,000</b>	<b>\$11,000</b>	<b>\$67,000</b>

# W:UG Distribution - Waverly

## Overview

Request Owner	LES CIP, LES
Department	LES
Type	Capital Improvement

## Description

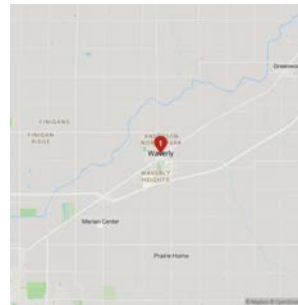
Various underground distribution projects in Waverly city limits. This includes services for new customers as well as rebuilding existing facilities to maintain a reliable system.

## Details

Status	Ongoing
Budget Outcome	Strong and Resilient City
Recommendation	Generally Conforms to the Plan

## Location

Address: 14210 Kenilworth Street



## Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
LES Revenues	\$388,000	\$291,000	\$253,000	\$253,000	\$253,000	\$253,000	\$1,691,000
<b>Total</b>	<b>\$388,000</b>	<b>\$291,000</b>	<b>\$253,000</b>	<b>\$253,000</b>	<b>\$253,000</b>	<b>\$253,000</b>	<b>\$1,691,000</b>