

LTU - WATERSHED MANAGEMENT

Project Title	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
Flood Mitigation	\$3,000,000	\$1,000,000	\$0	\$3,000,000	\$1,000,000	\$0	\$8,000,000
Stream Stability and Revitalization	\$5,400,000	\$1,000,000	\$0	\$5,500,000	\$1,000,000	\$0	\$12,900,000
Urban Drainage	\$6,700,000	\$0	\$0	\$7,000,000	\$0	\$0	\$13,700,000
Watershed Studies	\$2,000,000	\$2,500,000	\$2,500,000	\$2,600,000	\$0	\$0	\$9,600,000
Total:	\$17,100,000	\$4,500,000	\$2,500,000	\$18,100,000	\$2,000,000	\$0	\$44,200,000

Funding Source	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
General Obligation Bonds	\$13,600,000	\$0	\$0	\$14,100,000	\$0	\$0	\$27,700,000
Other Financing	\$3,500,000	\$4,500,000	\$2,500,000	\$4,000,000	\$2,000,000	\$0	\$16,500,000
Total:	\$17,100,000	\$4,500,000	\$2,500,000	\$18,100,000	\$2,000,000	\$0	\$44,200,000

Flood Mitigation

Overview

Request Owner	Watershed CIP, Watershed
Est. Start Date	01/01/2023
Department	0709-Watershed Management Program
Type	Capital Improvement

Description

This project provides assistance and flood mitigation for those areas of the City in a current floodplain or flood risk area.

The program is based on recommendations from the Salt Creek Floodplain Resiliency Study, the Flood Mitigation Master Plan, and the Floodplain Remapping Project. Will include flood control project(s) as identified in the Comprehensive Watershed Master Plan to reduce newly identified flood risks from updated floodplain modeling based on NOAA Atlas 14 (e.g. BS-11), and easements and acquisition of floodplain property in coordination with Parks and the Lower Platte South NRD.

Funding to be used for ongoing support of the City's Community Rating System (CRS). Currently the City of Lincoln has a CRS rating of 5 which provides a 25% reduction in flood insurance for property owners in the federally designated floodplain that have flood insurance.

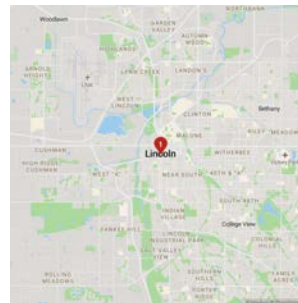
Funding may also be used to develop and implement recommended nonstructural programs such as: voluntary buyouts, conservation easements, setbacks and riparian preservations, cost share for low impact developments, cost share for reducing flood risks to individual homes/businesses on a voluntary basis (e.g. dry and wet flood proofing, structural and mechanical elevation), and public outreach regarding purchase of flood insurance and awareness of flood risks.

"Other" financing provided by Lower Platte South NRD.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	In Conformance with the Plan

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
General Obligation Bonds	\$2,000,000	\$0	\$0	\$2,000,000	\$0	\$0	\$4,000,000
Other Financing	\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0	\$4,000,000
Total	\$3,000,000	\$1,000,000	\$0	\$3,000,000	\$1,000,000	\$0	\$8,000,000

Stream Stability and Revitalization

Overview

Request Owner	Watershed CIP, Watershed
Est. Start Date	01/01/2023
Department	0709-Watershed Management Program
Type	Capital Improvement

Description

This project is for the stabilization and revitalization of streams to reduce safety threats to the public and reduce damages to property and infrastructure adjacent to streams.

These projects are for public urban areas (e.g. Parks) that experience known and on-going stream bank and bed issues. It is also for agricultural areas to reduce ongoing environmental degradation to stream and riparian corridors, and hydraulic structures (bridges and culverts) and prior to developments to protect susceptible stream banks to prevent future and more costly damage after development occurs.

Types of projects include scour protection, grade controls, composite revetments, bank and toe armoring, bank stabilization, re-vegetation, plunge pools and similar type of stream stability practices.

Many of these projects are cost shared with the Lower Platte South Natural Resources District (NRD), with the NRD taking the lead on projects involving major streams per a 1965 agreement (e.g. Salt Creek & Tributaries, Beal Slough, Haines Branch, Antelope Creek, Deadmans Run, Stevens Creek, Lynn Creek, Middle Creek). Projects are coordinated where appropriate with the Parks and Recreation Department and Lancaster County.

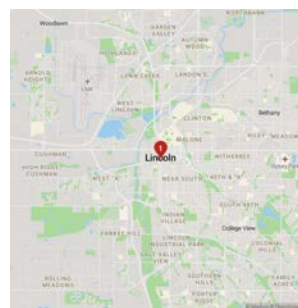
Examples of projects to include may be Parks projects (e.g. Tierra Park, Porter Park, Ecco Park, Stuhr Park, Northern Lights Greenway, Roper Park) and those from Watershed Master Plans especially those within the city limits or Comprehensive Plan Tier 1 areas (e.g. South Salt Creek # 16, 17 & 18, Beal Slough #6, Haines Branch #1 & 2, Lynn Creek #1 & 7, Southeast Upper Salt Creek #3, 4 & 5, Middle Creek #5).

"Other" financing provided by Lower Platte South NRD.

Details

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

Location



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
General Obligation Bonds	\$4,400,000	\$0	\$0	\$4,500,000	\$0	\$0	\$8,900,000
Other Financing	\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$1,000,000	\$0	\$4,000,000
Total	\$5,400,000	\$1,000,000	\$0	\$5,500,000	\$1,000,000	\$0	\$12,900,000

Urban Drainage

Overview

Request Owner	Watershed CIP, Watershed
Est. Start Date	01/01/2023
Department	0709-Watershed Management Program
Type	Capital Improvement

Description

This project provides for rehabilitation, enhancements, replacements and new urban storm drain systems in established urban areas for the improvement of urban drainage systems to aid in protecting life and property, and for improving stormwater quality to local streams and lakes.

The City has over 640 miles of storm drain systems, open channels, thousands of storm drain manholes and related storm drain items. Known records date back to the early 1900's with the oldest recorded install date of 1888. The City has a state and federally mandated stormwater permit that includes requirements for the improvement of stormwater quality in urban runoff.

Projects are coordinated with the Traffic Division of Lincoln Transportation and Utilities to avoid traffic and street disruption multiple times over a short period. Projects are prioritized based on information from previous studies (e.g. Watershed Studies), known problem areas and information from city staff and the public. Stormwater quality projects are coordinated with Lower Platte South Natural Resources District (NRD) and others (e.g. Parks, private entities) as appropriate.

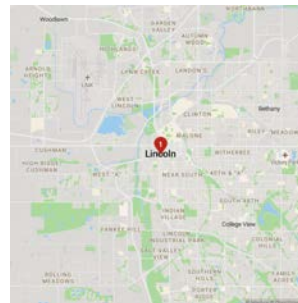
Examples of projects to include may be those such as urban storm drain projects in the areas of 10th & Park, 11th & Harrison, 63rd & Aylesworth, 68th & Fremont, and so on.

Details

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

Location

Address: 555 South 10th Street



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
General Obligation Bonds	\$6,700,000	\$0	\$0	\$7,000,000	\$0	\$0	\$13,700,000
Total	\$6,700,000	\$0	\$0	\$7,000,000	\$0	\$0	\$13,700,000

Watershed Studies

Overview

Request Owner	Watershed CIP, Watershed
Est. Start Date	01/01/2023
Department	0709-Watershed Management Program
Type	Capital Improvement

Description

This program provides information on localized and riverine flooding risks, to assist in identifying capital projects to increase public safety and reduce property damage (e.g. minimize exposure to the public on flood risks). Accurate flood risk mapping provides better known flood risks and assists in preventing future developments/structures from being put in a flood risk area.

Approximately 25 percent of the city's existing storm drain systems (open, closed, detention) have been evaluated based on current day standards. This funding request is for the continuation of an on-going watershed subbasin evaluation program to identify storm drain deficiencies for future drainage capital projects and prioritize stormwater expenditures for Urban Drainage. Storm drain records will be concurrently updated for those watershed subbasins that are evaluated.

The current Federal Emergency Management Agency (FEMA) flood maps were based on information from the late 2000's and generated from 1960's rainfall data and at that time up to date stream records. This funding request is to continue to update the FEMA maps based on national best practices rainfall records (NOAA Atlas 14) and updated stream records. It is planned to map the standard 100 and 500-year flood maps as well as projected future flood map based on climate modeling.

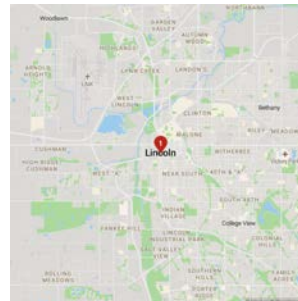
"Other" financing provided by FEMA.

Details

Status	Ongoing
Budget Outcome	Safe and Healthy City
Recommendation	In Conformance with the Plan

Location

Address: 555 South 10th Street



Funding Sources Breakdown

Funding Sources	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
General Obligation Bonds	\$500,000	\$0	\$0	\$600,000	\$0	\$0	\$1,100,000
Other Financing	\$1,500,000	\$2,500,000	\$2,500,000	\$2,000,000	\$0	\$0	\$8,500,000
Total	\$2,000,000	\$2,500,000	\$2,500,000	\$2,600,000	\$0	\$0	\$9,600,000