



North Liberty's Five-Year Capital Improvements Plan



FY 2024 - FY 2028
updated February 13, 2023

City of North Liberty, Iowa
Five-Year Capital Improvements Plan FY24-FY28 (July 1, 2023 - June 30, 2028)

PROJECT SCHEDULE FOR FY24: JULY 1, 2023 - JUNE 30, 2024

Department	CIP Project ID#	Category	Project Type	Project Name	Phase or Frequency	Referenced Plan	Project Description	TOTALS	General Fund	Sewer Fund	Storm Sewer Fund	Water Fund	General Obligation (GO) Bond	Tax Increment Financing (TIF) Bond	Revenue Bond	Hotel/Motel Fund	Road Use Tax Fund	Franchise Fees	State Funds	Federal Funds	Other Sources	
								\$ 24,632,200	\$ 392,200	\$ 353,000	\$ 142,000	\$ 215,000	\$ 641,000	\$ 9,521,000	\$ -	\$ 93,000	\$ 980,000	\$ 338,000	\$ -	\$ -	\$ 11,957,000	
Community Center	24CCTR01	FACILITY	Improvement	Exterior Masonry - Clean & Paint	Priority 1	Shive Facility Assessment	Clean exterior masonry (surface discoloration from excessive moisture infiltration) and paint the exterior concrete on the original building and 2003 addition.	\$ 50,000													Community Center Capital Fund = \$ 50,000	
	24CCTR02	FACILITY	Replacement	Joint Sealants	Priority 1	Shive Facility Assessment	Replace the joint sealant on the building exterior where all components meet.	\$ 35,000														Community Center Capital Fund = \$ 35,000
	24CCTR03	FACILITY	Maintenance/Cleaning	Parking Lot & Sidewalks	Priority 1	Shive Facility Assessment	Fill cracks in the 25-year-old parking lot to prevent heaving and extend the life of the pavement.	\$ 50,000														Community Center Capital Fund = \$ 50,000
Fire	24FIRE01	EQUIPMENT	New Purchase	Personal Protective Equipment & Other Gear	Ongoing		Equipment for new hires and replace gear per the replacement plan.	\$ 24,000	\$ 24,000													
	24FIRE02	FLEET	Replacement	Command/EMS Vehicle	One-time		Moving current EMS vehicle to training to replace used (hand me down squad car) vehicle. This purchase will be used for a new command/EMS vehicle.	\$ 80,000	\$ 45,000													Fire Capital Fund = \$ 35,000
Parks	24PARK01	FLEET	Replacement	Dump Truck	One-time		Replace 2006 Ford F350 dump truck with new Ford F450 dump truck with stainless steel dump box and sander & snowplow attachments.	\$ 95,000	\$ 95,000													
	24PARK02	FLEET	Replacement	Utility Vehicle	One-time		Replace 2016 John Deere XUV 825i Gator Utility Vehicle with new utility vehicle.	\$ 19,000	\$ 19,000													
	24PARK03	FLEET	Replacement	Zero-Turn Mower (96" cut)	One-time		Replace 2019 Toro Z-Master 7500-D zero-turn mower.	\$ 37,200	\$ 37,200													
	24PARK04	PARK	New Construction	Centennial Park	One-time	Park 2018 Priority 2	Construct pavilion, outdoor performance venue & 5,000 sqft splash pad.	\$ 16,363,000						\$ 5,500,000								Financing Plan = \$ 10,863,000
	24PARK05	PARK & TRAIL	New Construction	Fox Run Park and Pond	One-time	Park 2018 Priority 3	Add a 6' wide park walk around park and pond, construct a new playground, and add a concrete border around playground with ADA ramp.	\$ 413,000								\$ 75,000	\$ 338,000					
	24PARK06	PARK	New Purchase	Park Land Acquisition	One-time	Park 2018	Acquire park land as identified in the Park Plan.	\$ 2,500,000						\$ 2,500,000								
	24PARK07	TRAIL	New Construction	North Liberty Road Trail - New Segments (2)	One-time	Trails Plan Priority 1	Construct missing trail segment in front of Penn Meadows Park and along North Liberty Road & Penn Street from Abraham Road to Molly Street.	\$ 1,346,000					\$ 641,000									Iowa Transportation Alternatives Program = \$ 705,000
Police	24POLC01	EQUIPMENT	Replacement	Body-Worn Cameras	One-time		Replace Axon Body-Worn Cameras (contract expired) and fund storage expenses.	\$ 10,000	\$ 10,000													
	24POLC02	FLEET	New Purchase	Administration Vehicles (2)	One-time		Purchase two (2) new unmarked vehicles for administrative uses (216 and 217).	\$ 48,000	\$ 48,000													
	24POLC03	FLEET	Replacement	Lieutenant's Truck	One-time		Replace Lieutenant's 2010 truck (211).	\$ 34,000	\$ 34,000													
Recreation & Aquatics	24RECR01	EQUIPMENT	Replacement	Recreation - Exercise	Ongoing		Annual designation of funds to replace cardio & weight exercise equipment at Community Center.	\$ 50,000	\$ 50,000													
	24RECR02	FACILITY	Improvement	Aquatic - Slides	One-time		Refurbish outdoor pool slides.	\$ 18,000								\$ 18,000						
	24RECR03	FLEET	Replacement	BASP - Van	Phase 1 of 4		Replace BASP van per fleet management.	\$ 30,000	\$ 30,000													
Storm Water	24STOR01	CREEK/POND	Maintenance/Cleaning	Muddy Creek Flood Control - Golfview	Section 1	Muddy Creek	Remove silted-in debris & vegetation under-and-around Golfview Drive Bridge.	\$ 30,000			\$ 30,000											
	24STOR02	CREEK/POND	Maintenance/Cleaning	Muddy Creek Flood Control - Front	Section 2	Muddy Creek	Remove silted-in debris & vegetation under-and-around Golfview Drive Bridge.	\$ 10,000			\$ 10,000											
	24STOR03	CREEK/POND	Maintenance/Cleaning	Muddy Creek Flood Control - Rachael	Section 3	Muddy Creek	Remove silted-in debris & vegetation under-and-around Rachael Street Bridge.	\$ 30,000			\$ 30,000											
	24STOR04	CREEK/POND	Maintenance/Cleaning	Penn Meadows Park Bio Cell Repair	One-time		Install cleanouts, repair bad tile sections & replant dead/damaged plants.	\$ 31,000			\$ 31,000											
	24STOR05	FLEET	New Purchase	Mini-Vac Unit	One-time		Purchase mini-vac for storm sewer issues in easements and yards.	\$ 41,000			\$ 41,000											
Streets	24STRE01	FACILITY	Improvement	Facility Use Renovations	One-time		Convert two storage bays at Streets facility to office & general employee space.	\$ 600,000									\$ 600,000					
	24STRE02	FLEET	New Purchase	All Terrain Utility Vehicle	One-time		Add off road utility vehicle with attachment capabilities compatible with current skid steer attachments.	\$ 80,000									\$ 80,000					
	24STRE03	FLEET	Replacement	Dump Truck & Snow Equipment	One-time		Replace 2012 single axle dump truck & snow equipment.	\$ 300,000									\$ 300,000					
	24STRE04	STREET	New Construction	W Forevergreen Road - Signals at Kansas Ave	One-time		Add traffic signals and additional traffic lanes at intersection.	\$ 681,000						\$ 681,000								
	24STRE05	STREET	New Construction	W Forevergreen Road - Signals at Jones Blvd	One-time		Add traffic signals and additional traffic lanes at intersection.	\$ 840,000						\$ 840,000								
	24STRE06	STREET	Improvement	West Penn Street - Railroad Xing	One-time		Reconstruct the railroad crossing, storm sewer, and improve the trail.	\$ 219,000														Street Repair Program Fund = \$ 219,000

PROJECT SCHEDULE FOR FY25: JULY 1, 2024 - JUNE 30, 2025

Department	CIP Project ID#	Category	Project Type	Project Name	Phase or Frequency	Referenced Plan	Project Description	TOTALS	General Fund	Sewer Fund	Storm Sewer Fund	Water Fund	General Obligation (GO) Bond	Tax Increment Financing (TIF) Bond	Revenue Bond	Hotel/Motel Fund	Road Use Tax Fund	Franchise Fees	State Funds	Federal Funds	Other Sources
								\$ 27,867,000	\$ 557,000	\$ 295,000	\$ 348,000	\$ 80,000	\$ 1,013,000	\$ 4,750,000	\$ -	\$ 95,000	\$ 320,000	\$ 159,000	\$ 14,000,000	\$ 2,500,000	\$ 3,750,000
Streets	25STRE01	EQUIPMENT	New Purchase	Skid Steer Attachments	One-time		Purchase street planer and asphalt spreader attachments for the skid steer.	\$ 45,000									\$ 45,000				
	25STRE02	EQUIPMENT	Replacement	Utility Locator	One-time		Replace primary utility locating equipment for fiber, water, and electric structures.	\$ 10,000									\$ 10,000				
	25STRE03	FLEET	Replacement	Leaf Collector Truck	One-time		Replace 1998 leaf vacuum trailer with truck unit.	\$ 275,000		\$ 125,000							\$ 150,000				
	25STRE04	FLEET	New Purchase	Wheeled Skid Steer	One-time		Add wheeled skid steer.	\$ 65,000									\$ 65,000				
	25STRE05	STREET	New Construction	E Forevergreen Road - City Limits	One-time		Extend E Forevergreen Road from the roundabout to the east city limits. Work with the County and Coralville to join with North Liberty Road.	\$ 10,000,000						\$ 3,750,000						\$ 2,500,000	\$ 3,750,000
	25STRE06	STREET	Improvement	I-380 Penn Street Bridge - Replacement	Phase 5A	Penn Street	Replace or widen Penn Street bridge that crosses I380 (IDOT project). Repair concrete (full & partial depth) east & west of Penn Street Bridge over I-380.	\$ 15,000,000						\$ 1,000,000					IDOT = \$ 14,000,000		
Waste Water	25WAST01	FACILITY	New Purchase	Lift Station Pump (spare) - NL Road	One-time		Purchase one spare 50 hp pump for the North Liberty Road Lift Station, to replace if needed.	\$ 75,000		\$ 75,000											
	25WAST02	FACILITY	Replacement	Membrane Train Cassettes	Ongoing		Savings set aside for future membrane cassette/module replacements.	\$ 220,000		\$ 220,000											
Water	25WATR01	FACILITY	Replacement	Membrane Train Modules	Ongoing		Annual designation of funds to replace the Harn membrane train modules in the water plant.	\$ 80,000				\$ 80,000									
Combination Public Works	25WORK01	FACILITY	Improvement - water, parks & streets	Public Works Storage Area	Ongoing		Continued improvements to the fleet & equipment storage capacity at the Public Works Campus.	\$ 50,000									\$ 50,000				

City of North Liberty, Iowa
Five-Year Capital Improvements Plan FY24-FY28 (July 1, 2023 - June 30, 2028)

PROJECT SCHEDULE FOR FY27: JULY 1, 2026 - JUNE 30, 2027

Department	CIP Project ID#	Category	Project Type	Project Name	Phase or Frequency	Referenced Plan	Project Description	TOTALS	General Fund	Sewer Fund	Storm Sewer Fund	Water Fund	General Obligation (GO) Bond	Tax Increment Financing (TIF) Bond	Revenue Bond	Hotel/Motel Fund	Road Use Tax Fund	Franchise Fees	State Funds	Federal Funds	Other Sources
								\$ 9,314,000	\$ 362,000	\$ 730,000	\$ 285,000	\$ 251,000	\$ 1,935,000	\$ -	\$ 4,810,000	\$ 85,000	\$ 405,000	\$ 175,000	\$ -	\$ -	\$ 276,000
Community Center	27CCTR01	FACILITY		Projects from Shive Facility Assessment		Shive Facility Assessment		\$ 250,000	\$ 115,000				\$ 135,000								
Fire	27FIRE01	FLEET	Replacement	Platform Ladder Truck	One-time	Fire Strategic Plan	Replace 2003 75' aerial with a 100' platform ladder truck.	\$ 1,800,000					\$ 1,800,000								
	27PARK01	EQUIPMENT	Replacement	Snow Blower	One-time		Replace 2010 Erskine 2410 snow blower.	\$ 15,000	\$ 15,000												
	27PARK02	FLEET	Replacement	Pickup Truck	One-time		Replace 2015 Ford F-250 pickup truck with new pickup.	\$ 30,000	\$ 30,000												
	27PARK03	PARK	New Construction	Park TBD - Frisbee Golf	One-time	Park 2018 Priority 3	Construct frisbee golf course, location to be determined.	\$ 20,000								\$ 20,000					
	27PARK04	PARK	New Construction	Ranshaw House - Fitness Equipment	One-time		Install senior outdoor fitness equipment.	\$ 120,000										\$ 60,000		Fundraising & Grants =	\$ 60,000
	27PARK05	PARK	New Construction	Red Fern Dog Park - Agility Equipment	One-time		Install dog equipment & obstacles in northeastern yard.	\$ 130,000										\$ 65,000		Fundraising & Grants =	\$ 65,000
	27PARK06	TRAIL	New Construction	New Segment - Deerfield Park	One-time		Add concrete border around Deerfield Park playground & connecting 6' wide sidewalk.	\$ 65,000								\$ 65,000					
	27PARK07	TRAIL	New Construction	Trail Lighting	Ongoing	Park 2018 Priority 1	Install LED trail lighting at various locations.	\$ 50,000										\$ 50,000			
	27POLC01	EQUIPMENT	Replacement	Rifles (5)	Ongoing		Replace five (5) patrol rifles.	\$ 6,000	\$ 6,000												
	27POLC02	FLEET	Replacement	Patrol Cars (2)	Ongoing		Replace two (2) patrol cars (201 & 214), including related equipment.	\$ 116,000	\$ 116,000												
	27RECR01	EQUIPMENT	Replacement	Recreation - Exercise	Ongoing		Annual designation of funds to replace cardio & weight exercise equipment at Community Center.	\$ 50,000	\$ 50,000												
	27RECR02	FLEET	Replacement	BASP - Van	Phase 4 of 4		Replace BASP van per fleet management.	\$ 30,000	\$ 30,000												
	27STRE01	EQUIPMENT	Replacement	Tree Chipper Trailer	One-time		Replace 2007 woodchipper trailer machine.	\$ 80,000									\$ 80,000				
	27STRE02	FLEET	Replacement	Dump Truck (Small) and Plow	One-time		Replace 2014 Ford F-550 dump truck & snow equipment.	\$ 150,000									\$ 150,000				
	27STRE03	FLEET	Replacement	Street Sweeper	One-time		Replace 2014 street sweeper with double-sided gutter broom model.	\$ 350,000			\$ 175,000						\$ 175,000				
	27STRE04	STREET	New Construction	Commercial Drive	One-time		Construct Commercial Drive extension (a local street) from the terminus of current Commercial Drive to West Zeller Street.	\$ 151,000											Street Repair Program Fund =	\$ 151,000	
	27WAST01	FACILITY	Replacement	Membrane Train Cassettes	Ongoing		Savings set aside for future membrane cassette/module replacements.	\$ 220,000		\$ 220,000											
	27WAST02	FLEET	Replacement	Jet/Vac Truck	One-time		Replace 2016 Jet/Vac truck with new tandem axel truck with hydraulic snorkel outfitted on Vac system.	\$ 550,000		\$ 440,000	\$ 110,000										
	27WAST03	SYSTEM	Improvement	Gravity Sewer	Phased	Phase 1	Upsize 2,600' of 12" sewer main along Jordon Street and Ashley Court.	\$ 2,000,000							\$ 2,000,000						
	27WAST04	SYSTEM	Maintenance/Cleaning	Manhole Rehabilitation	Ongoing		Rehabilitate aging & deteriorated manholes as needed to avoid infiltration of ground water.	\$ 70,000		\$ 70,000											
	27WATR01	EQUIPMENT	New Purchase	Light Tower & Portable Generator	One-time		Purchase light tower and power supply for use at excavation sites.	\$ 16,000				\$ 16,000									
	27WATR02	FLEET	Replacement	Dump Truck	One-time		Replace 2002 International dump truck.	\$ 155,000				\$ 155,000									
	27WATR03	FACILITY	Replacement	Membrane Train Modules	Ongoing		Annual designation of funds to replace the Harn membrane train modules in the water plant.	\$ 80,000				\$ 80,000									
	27WATR04	FACILITY	New Construction	Water Treatment Facility Addition	One-time		Add four (4) bays to Water Treatment Facility	\$ 1,210,000							\$ 1,210,000						
	27WATR05	SYSTEM	Maintenance/Cleaning	Water Tower #3	One-time		Sandblast & paint interior of Water Tower #3.	\$ 1,600,000							\$ 1,600,000						

City of North Liberty, Iowa
 Five-Year Capital Improvements Plan FY23-FY27 (July 1, 2022 - June 30, 2027)

SUMMARY TOTALS

	Total Project Cost	General Fund	Sewer Revenue	Storm Sewer Revenue	Water Revenue	General Obligation (GO) Bond	Tax Increment Financing (TIF) Bond	Revenue Bond	Hotel/Motel Funds	Road Use Tax Funds	Franchise Fees	State Funds	Federal Funds	Other
FY24	\$ 24,632,200	\$ 392,200	\$ 353,000	\$ 142,000	\$ 215,000	\$ 641,000	\$ 9,521,000	\$ -	\$ 93,000	\$ 980,000	\$ 338,000	\$ -	\$ -	\$ 11,957,000
FY25	\$ 27,867,000	\$ 557,000	\$ 295,000	\$ 348,000	\$ 80,000	\$ 1,013,000	\$ 4,750,000	\$ -	\$ 95,000	\$ 320,000	\$ 159,000	\$ 14,000,000	\$ 2,500,000	\$ 3,750,000
FY26	\$ 28,140,320	\$ 540,250	\$ 320,000	\$ 252,250	\$ 330,000	\$ 7,593,000	\$ 12,793,820	\$ -	\$ 25,000	\$ 294,000	\$ 251,000	\$ -	\$ 2,500,000	\$ 3,241,000
FY27	\$ 9,314,000	\$ 362,000	\$ 730,000	\$ 285,000	\$ 251,000	\$ 1,935,000	\$ -	\$ 4,810,000	\$ 85,000	\$ 405,000	\$ 175,000	\$ -	\$ -	\$ 276,000
FY28	\$ 7,231,711	\$ 442,500	\$ 640,711	\$ 17,500	\$ 250,000	\$ 1,464,000	\$ 2,410,000	\$ -	\$ 20,000	\$ 590,000	\$ 337,000	\$ -	\$ 900,000	\$ 160,000
Five Year Total	\$ 89,953,520	\$ 1,851,450	\$ 1,698,000	\$ 1,044,750	\$ 1,126,000	\$ 12,646,000	\$ 29,474,820	\$ 4,810,000	\$ 318,000	\$ 2,589,000	\$ 1,260,000	\$ 14,000,000	\$ 5,900,000	\$ 19,384,000