

Capital Projects 2024/2025

Keith Kurz, PE
City Engineer/Public Works Director



2024 Projects

- Annual Curb Ramp Project No. 2024-CR-1
- Five Points Intersection Improvements
- Old Potash Hwy; North Rd to Webb Rd
- Highway 30 Realignment
- Broadwell/UPRR Grade Separation
- North Rd; Old Potash Hwy to 13th St
- North Rd; Hwy 30 to Old Potash Hwy
- Custer Ave Rehabilitation
- Eddy St Underpass Rehabilitation
- Capital Ave; Moores Creek to North Rd
- Locust St; 2nd Street to Fonner Park Rd
- Claude Rd; State St to 13th St
- Stuhr Rd; Dual NB Lefts @ Hwy 30
- Locust St; Hwy 34 to Wood River Diversion
- Independence Ave; Capital to Manchester/Macron
- State St Median Improvements
- Veterans Legacy
- 18th St; Moores Creek to Diers Ave
- Bond Payment
- NW Flood Control Project
- Moores Creek Ext- Water Tower Culverts
- Moores Creek Det Cell- OPH/North
- N 80 Wetland Delineation
- Sidewalk Cost Share Program
- PVIP Drainage Dist No. 2020-1
- Citywide Drainage
- Tri St Drainage
- Street/Fleet Facility

2024 Capital Improvement Projects Funded by Gas Tax & Sales Tax

<i>Project</i>	<i>2024 Budget</i>	<i>2024 Forecast</i>
Annual Curb Ramp Project	\$ 170,000	\$ 160,000
Five Pts Intersection Improvements	\$ 513,940	\$ 15,000
Old Potash Hwy; North Rd to Webb Rd	\$ -	\$ 100
US 30 Realignment	\$ 1,012,536	\$ 400
Broadwell /UPRR Grade Separation	\$ 270,000	\$ 89,619
North Rd; Old Potash Hwy to 13th St	\$ -	\$ 32,400
North Rd; Old Potash Hwy to Hwy 30	\$ 20,000	\$ 141,500
Custer Ave Rehabilitation	\$ 1,100,000	\$ 1,367,000
Eddy St Underpass Rehabilitation	\$ -	\$ 92,116
Capital Ave; North Rd to Moores Creek	\$ -	\$ 350
Locust St; 2nd St to Fonner Park Rd	\$ 300,000	\$ 1,293,000
Claude Rd; State St to 13th St	\$ 5,713,424	\$ 3,953,684
Stuhr Rd- Dual NB Lefts @ Hwy 30	\$ 90,000	\$ 127,409
Locust St; Hwy 34 to Wood River Diversion	\$ 900,000	\$ 2,780,000
Independence Ave; Capital Ave to Manchester/Macron	\$ 463,700	\$ 193,000
State St Median Improvements	\$ 180,000	\$ -
Veterans Legacy	\$ -	\$ 61,922
18th St; Moores Creek to Diers	\$ 100,000	\$ 640,000
Webb Rd Assessments	\$ 80,500	\$ -
Bond Payment	\$ 1,763,150	\$ 1,759,750
	\$ 12,677,250	\$ 12,707,250

2024 Capital Improvement Projects Funded by General Fund

<i>Project</i>	<i>2024 Budget</i>	<i>2024 Forecast</i>
NW Flood Control Project	\$ -	\$ 701
N 80 Wetland Delineation	\$ 350,000	\$ 320,000
Sidewalk Cost Share Program	\$ 25,000	\$ 25,000
PVIP Drainage Dist No. 2020-1	\$ 250,000	\$ -
Moore's Creek Drain Extension- Water Tower Culverts/ OPH/N Det Cell	\$ -	\$ 22,800
Tri Street Drainage	\$ 400,000	\$ 375,000
Citywide Drainage	\$ 250,000	\$ 246,500
Street/Fleet Facility Study	\$ -	\$ 11,000
	\$ 1,275,000	\$ 1,001,001

Summary of Capital Improvement Projects

	<i>2024 Budget</i>	<i>2024 Forecast</i>
Funded by Gas Tax & Sales Tax	\$ 12,677,250	\$ 12,707,250
Funded by General Fund	\$ 1,275,000	\$ 1,001,001
	\$ 13,952,250	\$ 13,708,251

Proposed Capital Projects for 2024/2025

- Annual Curb Ramp Project
- Pavement Condition Survey
- Broadwell/ UPRR Grade Separation
- Locust St; 2nd St to Fonner Park Rd
- Claude Rd; State St to 13th St
- State Street Median Improvements
- Stuhr Rd; Dual NB Lefts @ US Hwy 30
- Locust St; Hwy 34 to Wood River Diversion
- Stolley Park Rd; State Fair Entrance to Stuhr Rd
- Independence Ave; Capital Ave to Manchester Rd/ Macron St
- Wood River Diversion Bridge
- Bond Payment
- N 80 Wetland Delineation
- Sidewalk Cost Share Program
- PVIP Drainage District No. 2020-1
- Citywide Drainage
- 3rd St Drainage
- Tri Street

Annual Curb Ramp Project

\$175,000

Required by the Federal American Disabilities Act (ADA) Regulations –installation program follows the previous year’s asphalt program and other priority corridors. Additional locations are added as funds allow.



Pavement Condition Survey

\$179,000

- 🌐 Requirement to assess roadway pavement every three (3) years, at a minimum
- 🌐 Assessment is used to determine roadways that become part of the annual maintenance project, as well as roadways that require more substantial work or rebuild
- 🌐 Information also used for City's annual audit and for GASB 34

Broadwell/UPRR Grade Separation

\$420,000/ \$34,210,000

- 🌊 Address solutions to vehicle traffic conflicts with railroad crossing
- 🌊 Anticipate 10 year process to acquire funds (began FY 2019)
- 🌊 Planning and Environmental Linkages (PEL) Study finished
- 🌊 City entered into program agreement with NDOT October 2022 (80/20 match)
- 🌊 Environmental/preliminary engineering began FY24
- 🌊 Construction is estimated to begin FY28



Locust St; 2nd St to Fonner Park Rd

\$6,500,000 / \$16,100,000

- Full depth replacement of roadway with concrete curb and gutter
- Remedy alignment issues at intersections along corridor
- Drainage improvements
- Finish Engineering and ROW late FY 2024 into FY 2025
- Construction FY 2025/2026
- \$1.8M of overall project cost is for water and sanitary sewer improvements, which will be paid for by the respective funds





Claude Road; State Street to 13th Street

\$2,441,500 / \$7,265,700




- Currently under construction
- First step to Diers Avenue congestion
 - Future project will control access @ Diers Avenue
- Concrete curb and gutter section with sidewalk, traffic control, drainage and other associated improvements





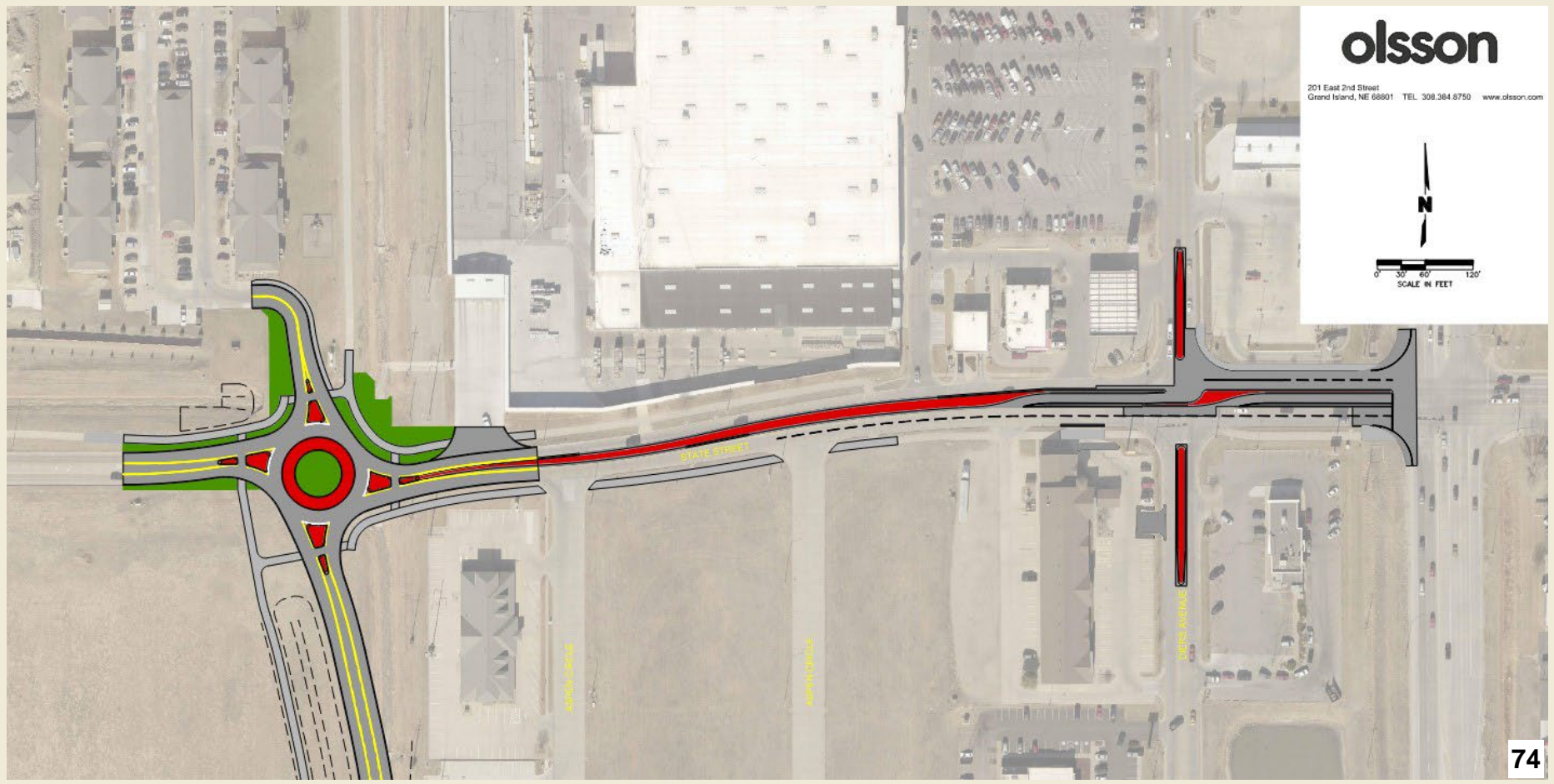
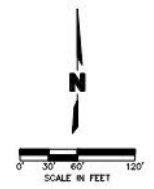
State Street Median Improvements

\$180,000 / \$3,380,000

-  Improvements to aid in traffic flow
-  Access restrictions
-  Engineering FY25, Construction FY26

olsson

201 East 2nd Street
Grand Island, NE 68801 TEL. 308.384.8750 www.olsson.com

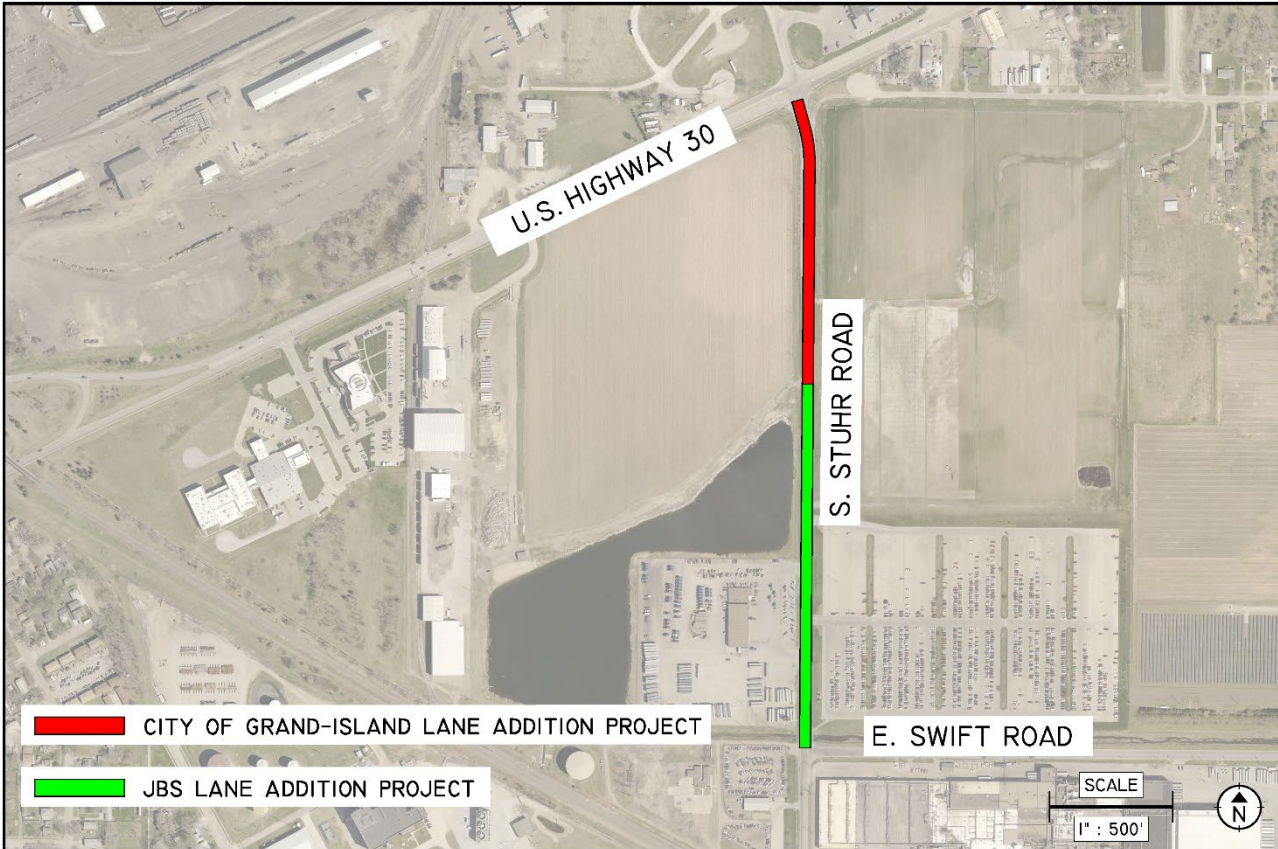


Stuhr Rd- Dual NB Lefts @ US Hwy 30

\$949,000 / \$1,076,400

- 🌐 Aid in traffic flow at US Highway 30 and Stuhr Road
- 🌐 Working on potential partnership with JBS to extend turn lanes further south to serve parking lot drives
 - 🌐 Pending JBS budget approval in Nov/Dec 2024
 - 🌐 Agreement to City Council shortly after, if JBS approve

*shows total project cost assuming JBS will cover approximately \$323,000, if not approved project cost will decrease



PROPOSED STUHR ROAD LANE ADDITION

S. STUHR ROAD
GRAND ISLAND, NEBRASKA

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

Locust St; US Hwy 34 to Wood River Diversion

\$250,000 / \$3,059,900

- Improvements to roadway
- Pavement failures due to geotech subgrade issues



Stolley Park Rd; State Fair Entrance to Stuhr Rd

\$300,000 / \$2,968,680

 Widen roadway to allow for a common turn lane



Independence Ave; Capital Ave to Manchester Rd/Macron St **\$3,000,000 / \$4,000,000**

- 🌐 Street and drainage improvements
- 🌐 Widen Independence Avenue by George Park
- 🌐 Pave Macron for detour route and Jay Street while in the area
- 🌐 Construction FY25





Wood River Diversion Bridge

\$500,000

 Improve driving surface



N 80 Wetland Delineation

\$2,100,000/ \$3,081,400

- City owned wetland bank
- Anticipated this will double as a detention cell to allow additional water storage on the north end of town
- Improve drainage depths in Moores Creek within the City
- Continue Engineering/Permitting
- Currently in USACE public notice period
- Wetland areas can be sold or kept for City use



Sidewalk Cost Share Program

\$25,000

- Per Ordinance No. 9764
- Repair displaced, broken, and/or ADA deficient sidewalks in the public ROW
- Construct segments of sidewalk to fill in the network along streets within City limits
- 7 applications received in FY2024, with \$10,274.72 paid out (including engineering services) to date



PVIP Drainage District No. 2020-1

\$350,000/ \$600,000

- Design and construction of drainage outlet in the Platte Valley Industrial Park area
- City portion of a partnership with Hall County, CPNRD & GIAEDC
- City cost will be partially recouped by assessment district created in 2019, with remaining to be funded by City (approx. \$190k)



Citywide Drainage


\$50,000

- Annual evaluation, which will use data collected over past years to improve drainage in various areas of the City
- Develop hydraulic computer models to analyze performance of storm sewers
- Identify weaknesses or improvements that will increase storm sewer capacity and plan future work
- Examples in FY23 include
 - Locust St model- done
 - 7th St & Eddy St area model- in progress
 - Stolley Park Rd & Blaine St detention model- in progress



3rd St Drainage Improvements

\$400,000

 Project developed from Citywide drainage study



PROPOSED STORM SEWER ADDITION

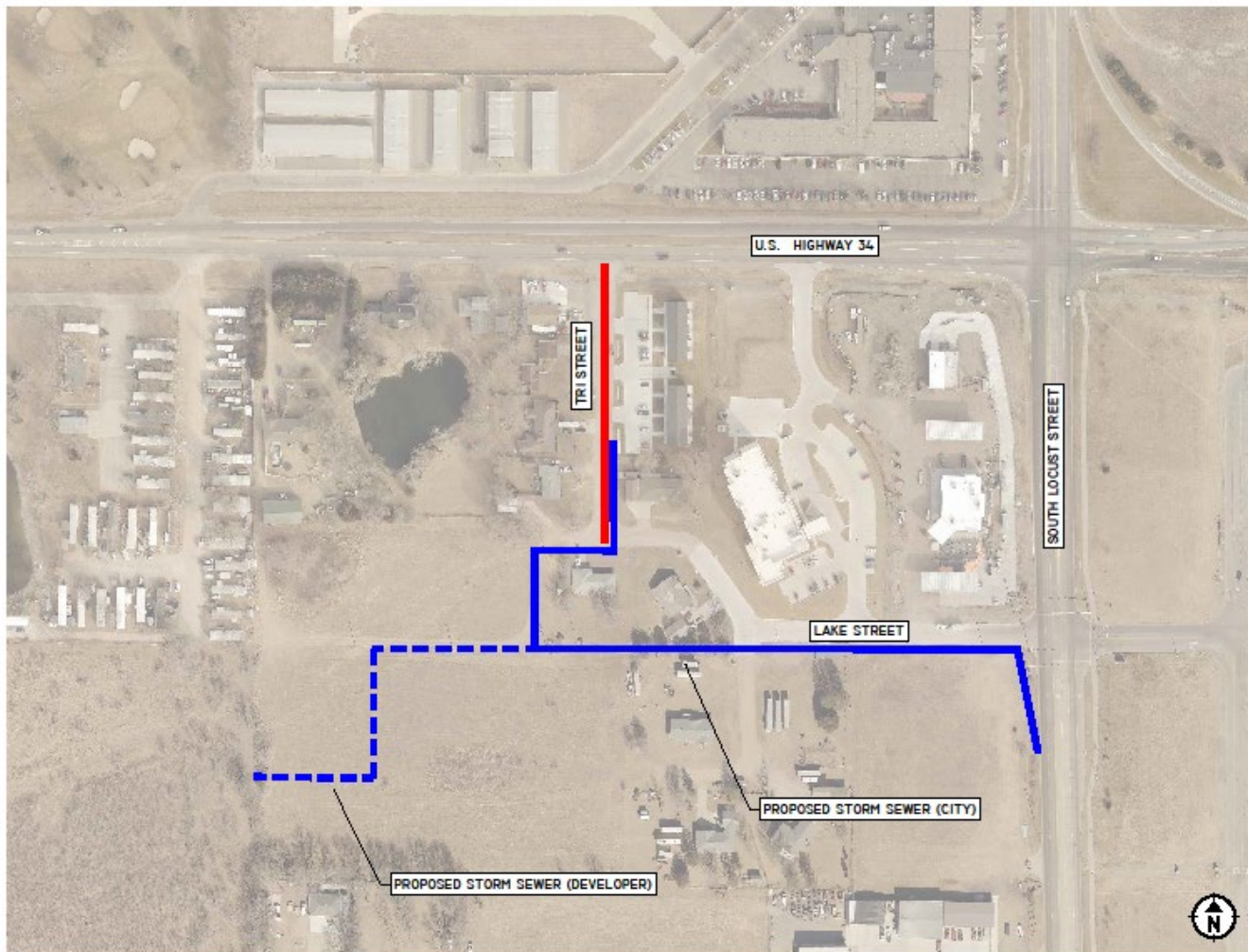
WEST 3RD STREET
GRAND ISLAND, NEBRASKA

CITY OF
GRAND ISLAND
PUBLIC WORKS DEPARTMENT

Tri St Drainage Improvements

\$50,000 / \$616,650

- Complaints of poor drainage with recent development on Tri St
- Need proper outlet
 - Pipe to Locust St
 - Allow for paving Tri St
 - Knott development outlet
 - Possible future Rainbow Subdivision overflow
 - Coordinate/share cost with Knott development
- Construction FY2024
 - Concrete curb and gutter street



2025 Capital Improvement Projects Funded with Gas Tax & Sales Tax

Annual Curb Ramp Project	\$ 175,000
Pavement Condition Survey	\$ 179,108
Broadwell /UPRR Grade Separation	\$ 420,000
Locust St; 2nd St to Fonner Park Rd	\$ 6,500,000
Claude Rd; State St to 13th St	\$ 1,281,500
Claude Rd; 13th St Roundabout	\$ 1,160,000
State St Median Improvements	\$ 180,000
Stuhr Rd- Dual NB lefts @ Hwy 30	\$ 949,000
Locust St; Hwy 34 to Wood River Diversion	\$ 250,000
Stolley Park Rd; State Fair Entrance to Stuhr Rd	\$ 300,000
Independence; Capital to Manchester/Macron	\$ 3,000,000
Wood River Diversion Bridge	\$ 500,000
Bond Payment	\$ 1,759,350
	\$ 16,653,958

2025 Capital Improvement Projects Funded by General Fund

N 80 Wetland Delineation	\$	2,100,000
Sidewalk Cost Share Program	\$	25,000
PVIP Drainage District No. 2020-1	\$	350,000
Citywide Drainage	\$	50,000
3rd St Drainage	\$	400,000
Tri St Drainage	\$	50,000
	\$	2,975,000

2025 Capital Improvement Budget Summary

Funded by Gas Tax & Sales Tax	\$ 16,653,958
Funded by General Fund	\$ 2,975,000
	\$ 19,628,958

- *\$354,108 of capital dollars is mandated (ADA Curb Ramps & Pavement Condition Survey)*
- *\$420,000 of capital dollars is funding Federal Aid projects*
- *\$350,000 of capital dollars is a partnership with Local agencies (PVIP Drainage District No. 2020-1)*

2025 Funding Sources- 210 Fund

Projected 2024 Ending Cash Balance	\$ 5,434,055
State Gas Tax Fund	\$ 6,700,000
NDOT Buy Backs	\$ 1,300,000
1/2 Cent Sales Tax	\$ 8,977,860
Other Revenue	\$ 4,615,744
Bond	\$ -
Total Available Funding	\$ 27,027,659
210 Fund Capital Projects	\$ 16,653,958
210 Streets Expenses	\$ 6,313,391
210 Streets Non-Capital Projects	\$ 1,830,080
Total Expenses	\$ 24,797,429
Ending Cash Balance in 210 Fund	\$ 2,230,230

2025 Future Project Expenses

<i>Project</i>	<i>2025</i>	<i>2026</i>	<i>2027</i>	<i>2028</i>	<i>2029</i>	<i>2030</i>
Annual Handicap Ramp	\$ 175,000	\$ 180,000	\$ 185,700	\$ 191,400	\$ 199,056	\$ 207,000
Pavement Condition Survey	\$ 179,108	\$ -	\$ -	\$ 195,228	\$ -	\$ -
Broadwell /UPRR Grade Separation	\$ 420,000	\$ -	\$ 344,000	\$ 5,856,000	\$ 500,000	\$ -
Locust St; Koenig St to Fonner Park Rd	\$ 6,500,000	\$ 5,500,000	\$ -	\$ -	\$ -	\$ -
State St Median Improvements	\$ 180,000	\$ 1,800,000	\$ 1,400,000	\$ -	\$ -	\$ -
Stolley Park Rd; State Fair Entrance to Stuhr Rd	\$ 300,000	\$ 1,738,911	\$ 835,837	\$ -	\$ -	\$ -
Independence; Capital to Manchester/Macron	\$ 3,000,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -
Bond Payment	\$ 1,759,350	\$ 1,758,450	\$ 1,760,250	\$ 1,762,450	\$ 1,765,500	\$ 1,762,125
N 80 Wetland Delineation	\$ 2,100,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Sidewalk Cost Share Program	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -
Citywide Drainage	\$ 50,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	\$ 14,688,458	\$ 12,552,361	\$ 4,800,787	\$ 8,280,078	\$ 2,739,556	\$ 2,219,125

RESOLUTION 2024-165

WHEREAS, the Grand Island City Council, after public notice having been published in one issue of the Grand Island Independent, and such notice also having been posted in at least three places in areas where it was likely to attract attention, conducted a public hearing on July 23 2024, on the One and Six Year Street Improvement Plan for the City of Grand Island; and

WHEREAS, this Council has determined that the One and Six Year Street Improvement Program as set out in Exhibit "A" should be adopted.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the One and Six Year Street Improvement Program 2025-2030, based on priorities of needs and calculated to contribute to the orderly development of city streets, and identified as Exhibit "A", is hereby approved and adopted by this Council.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, July 23, 2024.

Roger G. Steele, Mayor

Attest:

Jill Granere, City Clerk

CITY OF GRAND ISLAND

ONE & SIX YEAR STREET IMPROVEMENT PLAN- EXHIBIT "A"-

Project	2025	2026	2027	2028	2029	2030
Annual Handicap Ramp	\$ 175,000	\$ 180,000	\$ 185,700	\$ 191,400	\$ 199,056	\$ 207,000
Pavement Condition Survey	\$ 179,108	\$ -	\$ -	\$ 195,228	\$ -	\$ -
Broadwell /UPRR Grade Separation	\$ 420,000	\$ -	\$ 344,000	\$ 5,856,000	\$ 500,000	\$ -
Locust St; Koenig St to Fonner Park Rd	\$ 6,500,000	\$ 5,500,000	\$ -	\$ -	\$ -	\$ -
State St Median Improvements	\$ 180,000	\$ 1,800,000	\$ 1,400,000	\$ -	\$ -	\$ -
Stolley Park Rd; State Fair Entrance to Stuhr Rd	\$ 300,000	\$ 1,738,911	\$ 835,837	\$ -	\$ -	\$ -
Independence; Capital to Manchester/Macron	\$ 3,000,000	\$ 800,000	\$ -	\$ -	\$ -	\$ -
Bond Payment	\$ 1,759,350	\$ 1,758,450	\$ 1,760,250	\$ 1,762,450	\$ 1,765,500	\$ 1,762,125
N 80 Wetland Delineation	\$ 2,100,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -
Sidewalk Cost Share Program	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ -
Citywide Drainage	\$ 50,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
	\$ 14,688,458	\$ 12,552,361	\$ 4,800,787	\$ 8,280,078	\$ 2,739,556	\$ 2,219,125