6. Capital Improvement Schedule

The Capital Improvement Schedule (CIS) is the implementing portion of the City's Capital Improvements Plan. Below is the adopted CIS for the 2024-2028 planning period.

City of Venice

Comprehensive Plan

Five Year Capital Improvement Schedule (CIS)

Fiscal Years 2024 - 2028

Introduction and Overview of the CIS:

The five-year schedule of capital improvements is required by F.S. 163.3177(3)(b) and contains those major capital projects identified to achieve or maintain adopted levels of service for those public facilities identified in Strategy IN 1.3.1 – Level of Service located in the Infrastructure Element of the Comprehensive Plan. The majority of the projects contained within Tables 1-9 are City of Venice funded projects. All identified projects are ranked by the City of Venice (by facility type), to clarify the order/priority of identified projects. The Tables included in the CIS describe capital projects for specific public facilities:

Table 1 Potable Water/Sanitary Sewer: Water Production

Table 2 Potable Water/Sanitary Sewer: Water Distribution & Sewer Collection Systems

Table 3 Potable Water/Sanitary Sewer: Water Reclamation Facility & Lift Stations

Table 4: Functional Open Space (Parks)

Table 5: Solid Waste

Table 6: Stormwater

Table 7A: Transportation - Roadway Improvements

Table 7B: Transportation - Bicycle/Pedestrian/Transit Improvements

Table 8: Other Capital Projects

Table 9: Long Range Capital Projects FY 2029 – FY 2033 - This Table of the CIS is a long-range schedule of capital projects for the following public facilities: Transportation (Roads) and Potable Water. This schedule is intended to provide a long term (additional five years) guidance for the identification of longer-term projects that are identified as needed for the 10 year planning horizon (FY 2033).

In addition, the City of Venice also hereby incorporates by reference projects of outside agencies that directly or indirectly expand the capacity of infrastructure and facilities within the City. These agencies include, but are not limited to, Sarasota County, the Sarasota County School Board (school projects) and projects included in the Metropolitan Planning Organization's 5 year Transportation Improvement Plan (TIP) and the Long Range Transportation Plan (LRTP). Additionally, the City of Venice also incorporates by reference the City of Venice Joint Automated Capital Improvement Program (JACIP) for the identification and prioritization of aviation /airport projects.

Potable Water/Sanitary Sewer Table 1: Water Production

CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total
	1	Well Management Program	Replace existing production well	SRF	\$1,500,000					\$1,500,000
	2	Water Treatment Plant Relocation	Moving water treatment plant to new location	Operating Revenue					\$10,000,000	\$10,000,000
	3	Deep Injection Well	Injection well	SRF, PCF and Operating Revenue	\$1,500,000	\$10,000,000				\$11,500,000
	4	RO Membrane Replacement	Replace 4 membranes at the RO plant	Operating Revenue	\$1,500,000	\$1,500,000				\$3,000,000
	5	WTP Improvements	Replace components throughout facility	Operating Revenue	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000
	6	Onsite Emergency Generators at Wells	Install emergency generators at appropriate well locations	Operating Revenue	\$120,000	\$60,000				\$180,000
	7	WTP Security System Upgrade	Upgrade security system	Operating Revenue	\$50,000					\$50,000
	8	WTP Building Improvements	Internal upgrade to buildings	Operating Revenue	\$200,000					\$200,000
	9	WTP 2nd Stage Membrane Addn Ph II	Addition of 2nd stage membrane RO skid	SRF, PCF and Operating Revenue	\$3,000,000					\$3,000,000
	Potable Water/Sanitary Sewer Table 1 Totals:					\$12,060,000	\$500,000	\$500,000	\$10,500,000	\$31,930,000

Notes: SRF - State Revolving Fund; PCF - Plant Capacity Fees

Potable Water/Sanitary Sewer Table 2: Water Distribution & Sewer Collection Systems CC PC **Fiscal Year Fiscal Year** Five Year **Fiscal Year** Fiscal year Fiscal Year **Funding Source Project Name Project Description** Ranking Ranking 2024 2025 2026 2027 2028 Total Increase capacity by upsizing \$2,200,000 Knights Trail Force Main **Operating Revenue** \$3,000,000 \$5,200,000 1 existing wastewater pipes SRF, PCF and Water Main Replacement Relocate water mains and 2 \$500,000 \$2,000,000 \$2,000,000 \$2,000,000 \$6,500,000 **Operating Revenue** Program associated appurtenances **Bay Indies Utilities** Relocate gravity collection 3 **Operating Revenue** \$5,000,000 \$5,000,000 \$10,000,000 Relocation mains and water mains Replace components and **Collection System** 4 perform inflow and \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$5,000,000 **Operating Revenue** \$1,000,000 Improvements infiltration improvements Water Service Line Replace old potable water Utility Reserves & 5 \$500,000 \$650,000 \$500,000 \$500,000 \$500,000 \$2,650,000 Replacement service lines **Operating Revenue**

Operating Revenue

Operating Revenue

Operating Revenue

\$500,000

\$1,800,000

\$40,000

\$500,000

\$500,000

\$500,000

\$500,000

Replace potable and

hydrants

reclaimed water valves and

Increase capacity by upsizing

Upgrade iPads for field work

existing wastewater pipes

Distribution System

Nokomis Groves Force

Improvements

Main

Technology

Improvements

6

7

8

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028

Continued on next page

\$2,500,000

\$1,800,000

\$40,000

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028 Potable Water/Sanitary Sewer Table 2: Water Distribution & Sewer Collection Systems Fiscal year CC PC **Fiscal Year Fiscal Year Fiscal Year Fiscal Year** Five Year **Project Name Project Description Funding Source** Ranking Ranking 2024 2025 2026 2027 2028 Total Force Main Upsizing existing wastewater 9 **Operating Revenue** \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$2,500,000 Improvements force mains Replace and refresh existing Meter Change Out \$750,000 10 **Operating Revenue** \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 Program water meter inventory Discovery Way Water Construct a new water main \$300,000 11 **Operating Revenue** Main Construction along Discovery Way \$300,000 Technical Unit Construct a new wastewater Equipment **Operating Revenue** \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$125,000 12 force main across the ICW Improvements \$37,365,000 Potable Water/Sanitary Sewer Table 2 Totals: \$8,465,000 \$11,875,000 \$9,675,000 \$4,675,000 \$2,675,000

Notes: SRF - State Revolving Fund; PCF - Plant Capacity Fees

Potable Water/Sanitary Sewer Table 3: Water Reclamation Facility & Lift Stations CC PC **Fiscal Year** Fiscal Year Fiscal vear **Fiscal Year** Fiscal Year Five Year **Project Name Project Description Funding Source** Ranking 2024 2025 2026 2027 2028 Total Ranking SRF, PCF, SC and Aquifer Storage & Addition of an Aquifer 1 **Operating Revenue** \$2,737,500 \$2,737,500 Recovery Well Storage and recovery well Funds WRF Energy Construction of a floating **Operating Revenue** \$3,000,000 \$3,000,000 2 Conservation and photovoltaic system and SC Efficiency **Nokomis Groves Lift** Installation of additional lift 3 \$2,100,000 Operating Revenue \$2,100,000 Station station Lift Station Replacement Replace worn out and/or 4 **Operating Revenue** \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$500,000 Pumps defective pumps Replace components SC and Operating 5 WRF Improvements \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$2,500,000 throughout the facility Revenue Lift Station Rehab Rehabilitation, repair and 6 **Operating Revenue** \$500,000 \$500.000 \$500,000 \$1,500,000 Program updating of components Onsite Emergency Install emergency generators 7 Generators at Lift Operating Revenue \$100,000 \$60.000 \$160,000 at appropriate lift stations **Stations WRF Additional Storage** Construction of building to **Operating Revenue** 8 \$200,000 \$200,000 and SC **Building** store trucks Reclaimed Water Dist. 9 System expansion **Operating Revenue** \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$4,000,000 System Expansion Conversion of existing **Reclaimed Water** 10 potable ground storage tank \$600,000 \$600,000 Operating Revenue Storage Tank to reclaimed water \$10,337,500 \$660,000 \$2,100,000 \$2,100,000 \$2,100,000 \$17,297,500 Potable Water/Sanitary Sewer Table 3 Totals:

Notes: SRF - State Revolving Fund; PCF - Plant Capacity Fees; SC - Sarasota County

Table 4: Functional Open Space (Parks) CC PC Fiscal Year Fiscal year **Fiscal Year Fiscal Year** Fiscal Year **Five Year Project Name Project Description Funding Source** Ranking 2024 2025 2026 2027 2028 Total Ranking Hecksher Park Pickleball Design, permit, and 1 Park Impact Fees \$200,000 \$200,000 Courts construction 2 **NE Venice Park** \$2.75 million funded in 2023 **Funded** \$0 Northeast Linear Park-E. 3 Design and construction Park Impact Fees \$700,000 \$700,000 Laurel Road 4 Service Club Park **Facility Upgrades** Park Impact Fees \$200,000 \$200,000 5 Venezia Park **Facility Upgrades General Revenues** \$50,000 \$50,000 6 Venezia Park Park Enhancements Park Impact Fees \$125,000 \$125,000 Install Paths and Passive 7 Nolen Greens Parks \$300,000 \$300,000 Park Impact Fees Amenities 8 **Brohard Park Facility Upgrades General Revenues** \$10,000 \$10,000 Restroom, Bleachers and 9 Chuck Reiter Park \$290,000 \$250,000 \$540,000 General Revenues other Various Upgrades 10 **Hecksher Park Facility Upgrades General Revenues** \$71,000 \$21,467 \$295,000 \$387,467

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028

Table 4: Functional Open Space (Parks)

CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total
	11	Higel Park	Interior and Exterior Improvements and Site Paving	General Revenues	\$30,000	\$10,920				\$40,920
	12	Wellfield Park	Facility Upgrades	General Revenues	\$20,000	\$610,000	\$472,934			\$1,102,934
	13	Centennial Park	Electrical Upgrades/Paving	General Revenues		\$150,000				\$150,000
	14	Chauncy Howard Park	Boardwalk & Fencing Installation	General Revenues				\$50,000		\$50,000
	15	Playground Equipment	Replacement of Old Equipment	General Revenues			\$100,000			\$100,000
	16	Venice Municipal Beach	Painting, Roof Replacements and Boardwalk Repair	General Revenues				\$200,000		\$200,000
	17	Venice Myakka Park	Restroom Renovation	General Revenues	\$30,000	\$10,000	\$20,000			\$60,000
	18	West Blalock Park	ADA Improvements	General Revenues		\$40,000				\$40,000
			Functional Open Space	\$1,101,000	\$1,457,387	\$1,447,934	\$250,000	\$0	\$4,256,321	

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028											
	Table 5: Solid Waste											
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total		
	1	New Solid Waste Facility	New Solid Waste Facility	Operating Revenue	\$1,500,000					\$1,500,000		
	Solid Waste Table 5 Totals:									\$1,500,000		

Table 6: Stormwater CC PC **Fiscal Year** Fiscal year Fiscal Year Fiscal Year **Fiscal Year** Five Year **Project Name Project Description Funding Source** Ranking Ranking 2024 2025 2026 2027 2028 Total Stormwater Water Quality **Tarpon Center Upgrades** Improvements for the larger \$100,000 \$100,000 1 Stormwater Fees project Deertown Gully Water Stormwater Upgrades and 2 \$200,000 Stormwater Fees \$200,000 **Quality Improvements** Water Quality Improvements Curry Creek WQ Stormwater Upgrades and 3 **Upgrades and Channel** Stormwater Fees \$300,000 \$300,000 Water Quality Improvements Restoration Outfall 1&2 Water Stormwater Upgrades and 4 Stormwater Fees \$250,000 \$250,000 **Quality System Expansion** Water Quality Improvements Park Blvd. & Granada Stormwater Upgrades and 5 \$150,000 \$150,000 Ave. Water Quality Stormwater Fees Water Quality Improvements Upgrades Hatchett Creek WQ Stormwater Upgrades and 6 **Upgrades and Channel** \$300,000 \$300,000 Stormwater Fees Water Quality Improvements Restoration Osprey Ditch Water Stormwater Upgrades and 7 \$100,000 \$650,000 \$750,000 **Quality and Stormwater** Stormwater Fees Water Quality Improvements **Improvements** Seaboard Area - ICW Stormwater Upgrades and 8 \$200,000 \$300,000 \$500,000 Stormwater Fees Outfalls Water Quality Improvements

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028 **Table 6: Stormwater** CC PC Fiscal Year Fiscal year **Fiscal Year Fiscal Year Fiscal Year Five Year Project Name Project Description Funding Source** Ranking Ranking 2024 2025 2026 2027 2028 Total Church St. Flood Stormwater Upgrades and 9 \$50,000 \$320,000 \$370,000 Improvements & Water Stormwater Fees Water Quality Improvements Quality Golf Dr. Stormwater Stormwater Upgrades and 10 Stormwater Fees \$150,000 \$300,000 \$450,000 Water Quality Improvements Improvements Nolen Green Water Stormwater Upgrades and 11 \$30,000 \$30,000 Stormwater Fees Water Quality Improvements **Quality Projects** Parkside & Parkdale Dr. Stormwater Upgrades and WQ and Stormwater \$50,000 \$300,000 12 Stormwater Fees \$350,000 Water Quality Improvements Improvements Airport Ave. Drainage Stormwater Upgrades and 13 and Water Quality \$50,000 \$300,000 Stormwater Fees \$350,000 Water Quality Improvements Upgrades North Nokomis (Bella Stormwater Upgrades and Costa) Outfall WQ 14 \$200,000 \$200,000 Stormwater Fees Water Quality Improvements Project Circle Dr. Stormwater Flood Protection, Stormwater 15 \$400,000 \$400,000 Improvements & Water Stormwater Fees **Upgrades and Water Quality** Quality Stormwater Table 6 Totals: \$1,000,000 \$830,000 \$1,570,000 \$900,000 \$400,000 \$4,700,000

		COMPREHENSIVE	PLAN: CAPITAL IMPROVEMENT SCH	EDULE FISCAL YEA	ARS 202	4 - 2028				
			Table 7A: Transportation - Roadway	Improvements						
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total
	1	Laurel Rd. from Knights Trail Rd. to Jacaranda (V/C 1.32); ref. #8 and #10	Design and Engineering for the Widening to 4 lanes	County Funds and Mobility Fees Collected in the City						\$0
	2	Pinebrook Road and E. Venice Ave. (V/C 1.16)	Intersection Improvements at Venice Ave. and Ridgewood Intersections and optimize signal timing.	County Funds, Grant Funds and Mobility Fees Collected in the City						\$0
	3	Pinebrook from Edmondson to E. Venice (V/C 1.02); ref. #15 and #16	Traffic mitigation							\$0
	4	Jacaranda from Laurel Rd. to Border Rd. (V/C 0.59 0.93); ref. #9	Widen to 4 lanes							\$0
	5	I-75 SB Ramps and Laurel Road intersection (V/C 2.86)	1) Add 2nd SB LT lane and a shared EB THRU/RT lane 2) Add 2nd WB LT lane and additional receiving SB laneage 3) Change cycle length from 110 to 120 seconds							\$0
	6	Laurel Rd. From Pinebrook to I-75 (V/C 1.30); ref. #12	Widen to 6 lanes							\$0
	(V/C 1.30); ref. #12 Lorraine Rd. Connection to		Extension of Lorraine Rd. to connect with Knights Trail Rd.	County Funds and Mobility Fees Collected in the City						\$0

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028											
			Table 7A: Transportation - Roadway	Improvements								
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total		
	8 Knights Trail Road and Laurel Road (V/C 1.71); ref. #1 and #10		1) Add a 3rd EB LT lane and add receiving NB laneage 2) Convert existing EB RT lane to a thru/RT lane and remove cross striping on receiving laneage 3) Add 2nd SB LT lane 4) Add a WB RT overlap 5) Change side street phasing to protected + permitting LT 6) Modify signal timing (cycle length 110 to 120 seconds)							\$0		
	9	Jacaranda Boulevard and Border Road (V/C 1.54); ref. #4	1)Install traffic signal 2) Restripe SB approach from shared LT/THRU lane and exclusive RT lane to exclusive LT and shared RT/THRU lane							\$0		
	10	Laurel Road and Jacaranda Boulevard (V/C 1.53); ref. #1 and #8	1) Add EB RT lane and modify EB THRU/RT lane to THRU only 2) Signalize 3) Add WB LT lane and modify WB THRU/LT land to THRU only							\$0		
	11	Laurel Rd. from I-75 to Knights Trail Rd. (V/C 1.30 1.38)	Widen to 6 lanes							\$0		
	Pinebrook Road/Honore Ave. and Laurel Road intersection (V/C 1.140); ref. #6		1) Add 5 section head to allow RT overlap phase 2) Convert EB THRU/RT lane to THRU only and add EB RT lane 3) Add 2nd NB LT, RT lane, and a THRU lane 4) Modify signal timing							\$0		

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028											
	Table 7A: Transportation - Roadway Improvements											
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total		
	13		1) Add a WB thru lane 2) Modify signal timing							\$0		
	14	Knights Trail from Laurel to Rustic (V/C 1.38)	Widen to 4 lanes							\$0		
	15	Pinebrook Road and Edmondson Road (V/C .99); ref. #3 and #16	Optimize signal timing							\$0		
	16	Pinebrook Rd. and Curry Ln. (V/C .81); ref. #3 and #15	Add WB LT lane and WB RT lane							\$0		
	17	Auburn Road and E. Venice Avenue (V/C .78)	Remove split phase for the NB/SB approaches.							\$0		
	18	Edmondson Road and Auburn Road Intersection	Safety Study for alignment and capacity analysis for intersection turning movements							\$0		
	19	Knights Trail and Technology	Signalize							\$0		
	20	Knights Trail Rd and Discovery	Signalize							\$0		
	US 41 Adaptive Traffic Signals- Upgrade signals		Increase capacity and reduce congestion of the intersection on Business and Bypass 41							\$0		
	22	Pinebrook from E. Venice to Center	Widen to 4 lanes							\$0		
			Transportation - Roadway Improvement	nts Table 7A Totals:	\$0	\$0	\$0	\$0	\$0	\$0		

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2024 - 2028 Table 7B: Transportation - Bicycle/Pedestrian/Transit Improvements CC **Fiscal Year Fiscal Year** PC **Fiscal Year** Fiscal year Fiscal Year Five Year **Project Name Project Description Funding Source** Ranking Ranking 2024 2025 2026 2027 2028 Total **ADA Improvements** 1 **ADA Improvements** One-Cent Sales Tax \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$750,000 Sidewalks/Parks/Buildings Bike Facilities 2 **Bike Facilities Improvements** One-Cent Sales Tax \$25,000 \$25,000 \$25,000 \$25,000 \$25,000 \$125,000 Improvements Transportation, multimodal, and sustainability 3 **Tarpon Center Upgrades** Gas Tax, FDEP \$2,100,000 \$2,100,000 improvements Design, permit and 4 Park Blvd South Pathway Gas Tax \$450,000 \$450,000 construction **Bayshore Sidewalk** Design, permit and 5 Gas Tax \$450,000 \$450,000 Project construction \$3,875,000 Transportation - Bicycle/Pedestrian/Transit Improvements Table 7B Totals: \$3,175,000 \$175,000 \$175,000 \$175,000 \$175,000

Table 8: Other Capital Projects

CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2024	Fiscal year 2025	Fiscal Year 2026	Fiscal Year 2027	Fiscal Year 2028	Five Year Total		
	1	Beach Renourishment	Flood and Storm Protection	One-Cent Sales Tax	\$250,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,450,000		
	2	Fire Station 2 Relocation	Fire Station 2 Relocation	One-Cent Sales Tax	\$1,000,000	\$2,000,000	\$2,000,000	\$4,240,740	\$4,240,740	\$13,481,480		
	3	City Hall Improvements	Interior modifications	Impact fees	\$385,000	\$100,000	\$103,100			\$588,100		
	4	City Fleet Maintenance Facility	Design and construction	One-Cent Sales Tax	\$1,500,000	\$850,000				\$2,350,000		
	5	Fire Station 52 Upgrades	Major replacements and repairs	One-Cent Sales Tax	\$45,000	\$88,023				\$133,023		
	6	Fire Station 53 Upgrades	Major replacements and repairs	One-Cent Sales Tax		\$78,650	\$45,000			\$123,650		
	7	FS53 Generator Replacement	Replacement of existing generator	One-Cent Sales Tax					\$200,000	\$200,000		
	8	Venice Community Center	Major replacement	One-Cent Sales Tax	\$25,000	\$340,000	\$113,868	\$90,000		\$568,868		
			rojects Table 8 Totals:	\$3,205,000	\$3,756,673	\$2,561,968	\$4,630,740	\$4,740,740	\$18,895,121			

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2029 - 2033											
	Table 9: Long Range Capital Projects FY2029 - FY2035											
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2029	Fiscal year 2030	Fiscal Year 2031	Fiscal Year 2032	Fiscal Year 2033	Five Year Total		
	Transportation											
	1	Venice Avenue Bridge (Reconstruction/ enhancement)	Study/evaluate options including expansion	N/A						\$0		
	2	Edmondson/Border Roads - From Pinebrook Road to beginning of potential four lane section of Border Road east of I-75)	Add two lanes	N/A						\$0		
	Potable Water											
	1	Construct Additional Supply Wells	Capacity Project	N/A						\$0		
			Long Range Capital P	rojects Table 9 Totals:	\$0	\$0	\$0	\$0	\$0	\$0		