

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 2019-2023 planning period.

City of Venice
Comprehensive Plan
Five Year Capital Improvement Schedule (CIS)
Fiscal Years 2019 – 2023

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 2024 - FY2028 This Table of the CIS is a long-range schedule of capital projects for the following public facilities: Transportation (Roads), Sanitary Sewer, 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 2028).

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). 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.

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Potable Water/Sanitary Sewer Table 1: Water Production

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	Ajax Pumping Station	N/A	PCF & Operating Revenue	\$700,000	\$6,000,000				\$6,700,000
2	WTP Second Stage Membrane Addition	N/A	FDEP SRF, SWFWMD, PCF & Operating Revenue		\$300,000	\$3,000,000			\$3,300,000
3	New Production Well RO 8E/79	N/A	FDEP SRF, Operating Revenue	\$600,000					\$600,000
4	RO Membrane Replacement	N/A	Operating Revenue			\$1,500,000			\$1,500,000
5	WTP Generator & Switch Gear Replacement	N/A	Operating Revenue	\$750,000					\$750,000
6	Well Replacement	N/A	Operating Revenue		\$100,000	\$1,500,000			\$1,600,000
7	WTP Fencing Improvements	N/A	Operating Revenue		\$220,000				\$220,000
8	Sodium Hypochlorite Tank Replacement	N/A	Operating Revenue	\$300,000					\$300,000
9	WTP Equipment Improvements	N/A	Operating Revenue	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
10	WTP Day Tank Building Upgrade	N/A	Operating Revenue	\$60,000					\$60,000
11	CO2 Bulk Tank Replacement	N/A	Operating Revenue	\$175,000					\$175,000
12	Phase II RO CIP System	N/A	Operating Revenue		\$120,000				\$120,000
13	WTP Building D (Meter Shop) Upgrades	N/A	Operating Revenue	\$236,250	\$236,250				\$472,500
14	Corrosion Inhibitor Bulk Tank Replacement	N/A	Operating Revenue			\$30,000			\$30,000
Potable Water/Sanitary Sewer Table 1 Totals:				\$2,971,250	\$7,126,250	\$6,180,000	\$150,000	\$150,000	\$16,577,500

FDEP SRF - Florida Department of Environmental Protection State Revolving Fund
Southwest Florida Water Management District Cooperative Funding

SWFWMD -
PCF - Plant Capacity Fees

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

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

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	Bay Indies Utilities Relocation - Phase 1	N/A	FDEP SRF & Operating Revenue	\$375,000	\$3,000,000				\$3,375,000
2	Bay Indies Utilities Relocation - Phase 2	N/A	FDEP SRF & Operating Revenue		\$375,000	\$3,000,000			\$3,375,000
3	Eastgate Utilities Relocation - Phase 2	N/A	FDEP SRF, State Grant & Operating Revenue	\$3,500,000					\$3,500,000
4	Eastgate Utilities Relocation - Phase 3	N/A	FDEP SRF & Operating Revenue	\$350,000	\$3,000,000				\$3,350,000
5	Second Force Main Under I-75	N/A	Operating Revenue	\$200,000	\$480,000				\$680,000
6	Water Main Replacement Program	N/A	FDEP SRF & Operating Revenue	\$2,250,000	\$2,500,000				\$4,750,000
7	Cast Iron Water Main Replacement	N/A	Operating Revenue	\$1,800,000					\$1,800,000
8	Fire Hydrant Replacement Program	N/A	Operating Revenue	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
9	Force Main Replacements	N/A	Operating Revenue	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
10	I & I Improvements	N/A	Operating Revenue	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
11	Manhole Coating Replacement	N/A	Operating Revenue	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
12	Meter (Large) Change Out Program	N/A	Operating Revenue	\$252,500	\$255,025	\$257,575	\$260,150	\$260,150	\$1,285,400
13	Meter (Small) Change Out Program	N/A	Operating Revenue	\$775,000	\$820,000	\$575,000	\$105,000	\$100,000	\$2,375,000
14	Potable Water Valve Replacement	N/A	Operating Revenue	\$225,000	\$225,000	\$225,000	\$225,000	\$225,000	\$1,125,000
15	Sewer Cleanout Additions	N/A	Operating Revenue	\$1,000,000	\$1,000,000	\$1,000,000			\$3,000,000
16	Sewer Replacement Program	N/A	Operating Revenue	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
17	US 41 Bypass Relocations- Gulf Coast	N/A	Operating Revenue	\$305,000					\$305,000
18	Water Service Line Replacement	N/A	Operating Revenue	\$375,000	\$75,000	\$75,000	\$75,000	\$75,000	\$675,000
19	Pinebrook Booster Station Generator Replacement	N/A	Operating Revenue	\$82,000					\$82,000
Potable Water/Sanitary Sewer Table 2 Totals:				\$12,139,500	\$12,380,025	\$5,782,575	\$1,315,150	\$1,310,150	\$32,927,400

FDEP SRF - Florida Department of Environmental Protection State Revolving Fund
Southwest Florida Water Management District Cooperative Funding

SWFWMD -
PCF - Plant Capacity Fees

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

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

Project				Fiscal Year	Fiscal year	Fiscal Year	Fiscal Year	Fiscal Year	Five Year Total
Ranking	Project Name	Project Description	Funding Source	2019	2020	2021	2022	2023	
1	Aquifer Storage & Recovery Well	N/A	FDEP SRF, SWFWMD, PCF & Operating Revenue Funds	\$175,000	\$165,000	\$300,000	\$4,400,000	\$100,000	\$5,140,000
2	Emergency Generators at Lift Stations	N/A	Operating Revenue	\$180,000	\$180,000	\$180,000	\$60,000	\$60,000	\$660,000
3	WRF Equipment Improvements	N/A	Operating Revenue	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
4	Parkson Aqua Guard Screens	N/A	Operating Revenue		\$700,000				\$700,000
5	Lift Station Replacement Pumps	N/A	Operating Revenue	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
6	Reclaimed Valve Replacement Program	N/A	Operating Revenue	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
7	Reclaimed Water Distribution System Expansion	N/A	Operating Revenue				\$1,000,000		\$1,000,000
8	Reclaimed Water Storage Tank Conversion	N/A	Operating Revenue		\$100,000	\$500,000			\$600,000
9	WRF Seasonal Storage Pond Liner Replace	N/A	Operating Revenue				\$375,000		\$375,000
10	WRF Building Improvements	N/A	Operating Revenue		\$120,000				\$120,000
11	WRF Storage Building	N/A	Operating Revenue	\$250,000					\$250,000
12	WRF Milling and Resurfacing	N/A	Operating Revenue	\$135,000					\$135,000
Potable Water/Sanitary Sewer Table 3 Totals:				\$1,015,000	\$1,540,000	\$1,255,000	\$6,110,000	\$435,000	\$10,355,000

FDEP SRF - Florida Department of Environmental Protection State Revolving Fund
Southwest Florida Water Management District Cooperative Funding

SWFWMD -
PCF - Plant Capacity Fees

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 4: Functional Open Space (Parks)

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	Beach Renourishment	Flood and Storm Protection	Federal/State/Local	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
2	Legacy Park	Dog Park	Park Impact Fees			\$40,000	\$250,000		\$290,000
3	Venezia Park	Multi-use trail and pavillion	Park Impact Fees		\$100,000	\$1,000,000			\$1,100,000
4	NE Venice Park Property	Search and aquire Park Property	Park Impact Fees				\$100,000		\$100,000
5	Police Firing Range	Demilition and remediation of Park property'	Park Impact Fees		\$30,000				\$30,000
6	ADA Mobi-Mats	Permit and install mobi mats	Park Impact Fees		\$50,000				\$50,000
7	Hecksher Park	Pickleball Courts	Park Impact Fees				\$200,000		\$200,000
8	Nolen Greens	Various Improvements	Park Impact Fees				\$50,000	\$250,000	\$300,000
9	Service Club Parking Area	Added Parking	Park Impact Fees				\$170,000		\$170,000
10	Ajax Park Acquisition	Purchase Property	Park Impact Fees					\$750,000	\$750,000
Functional Open Space (Parks) Totals				\$250,000	\$430,000	\$1,290,000	\$1,020,000	\$1,250,000	\$4,240,000

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 5: Solid Waste

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	New Solid Waste Facility	New Solid Waste Facility	Solid Waste Fund	\$250,000	\$2,500,000				\$2,750,000
Solid Waste Totals				\$250,000	\$2,500,000	\$0	\$0	\$0	\$2,750,000

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 6: Stormwater

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	Beach Outfall #7	N/A	SW Enterprise Funds	\$60,000					\$60,000
2	Live Oak St	Stormwater Improvements (SRE)	SW Enterprise Funds	\$600,000					\$600,000
3	Nokomis Avenue	Project Redesign	SW Enterprise Funds	\$400,000					\$400,000
4	Outfall Monitoring	Outfall/Water Quality	SW Enterprise/Grant Funds		\$600,000	\$600,000	\$600,000	\$600,000	\$2,400,000
5	Park Blvd North	Upgrade Stormwater	SW Enterprise Funds		\$400,000				\$400,000
Stormwater Totals				\$1,060,000	\$1,000,000	\$600,000	\$600,000	\$600,000	\$3,860,000

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 7A : Transportation - Roadway Improvements

Project				Fiscal Year	Fiscal year	Fiscal Year	Fiscal Year	Fiscal Year	Five Year Total
Ranking	Project Name	Project Description	Funding Source	2019	2020	2021	2022	2023	
1	Pinebrook Road - Intersection Improvements at Venice Ave. and Ridgewood Intersections	Upgrade intersections to increase capacity and improve safety for vehicles, pedestrestrians and bicycles	Road Impact Fees / MPO Funding						\$0
2	US 41 Adaptive Traffic Sighnalts	Upgrade signals - increase capcity and reduce congestion of the intersection on Business and Bypass 41	MPO Funding					\$600,000	\$600,000
3	Pinebrook Road - From Edmondson Road to Venice Avenue	Add two lanes	N/A						\$0
4	Laurel Road - From Knights Trail to Jacranda Blvd.. Includes the intersections of: Knights Trail and Laurel Road and Laurel Road and Jacaranda Blvd.	1) Add two lanes 2) reconfigure/add capacity improvements for the Knights Trail and Laruel Road Intersection, and 3) signalize and reconfigure Laurel Road and Jacaranda Blvd. intersection)	Portions of the project are included in Development Traffic Studies (Portofino Project, The Bridges Project, Villa Paradiso, SJMR, and VICA/Milano)						\$0
5	Pinebrook Road - From Venice Avenue to Center Road	Add two lanes	N/A						
6	Ringling Drive S. - From Airport Ave. to US 41	Reconstruction and add new alignment / connection to US 41	N/A						\$0
7	Jacaranda Boulevard and Border Road	Install traffic signal at intersection of and restripe SB approach	N/A						\$0
8	Laurel Road at Jacaranda Boulevard	Construct EB right-turn lane	N/A						\$0
9	I75 SB Ramps and Laurel Road intersection	Construction of second SB left-turn lane to exclusive left turn lane and a shared through/right turn lane and increase cycle length from 110 seconds to 160 seconds.	N/A						\$0
10	Pinebrook Road at Laurel Road intersection	Construction of second NB left-turn lane	N/A						\$0

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 7A : Transportation - Roadway Improvements

Project				Fiscal Year	Fiscal year	Fiscal Year	Fiscal Year	Fiscal Year	Five Year Total
Ranking	Project Name	Project Description	Funding Source	2019	2020	2021	2022	2023	
11	Knights Trail Rd and Discovery Way/Portofino Drive intersection (Portofino)	Install Traffic Signal	Portofino Development (Traffic Study)						\$0
12	Edmonson Road and Auburn Road Intersection	Safety Study for alignment and capacity analysis for intersection turning movements	N/A						\$0
13	Knights Trail Extension to 681 Interchange/Clark Road	Road extension and add I-75 interchange	N/A						
14	Knights Trail and Technology Drive Intersection	Install Traffic Signal	Toscana Isle Development (Traffic Study)						\$0
15	Knights Trail Rd & Discovery Way/Portofino Drive intersection	Install Traffic Signal	Portofino Development (Traffic Study)						\$0
16	I-75 SB Ramps and Jacaranda Boulevard intersection traffic signal	Signal Improvement - Install a SB left-turn protected/permitted phase	N/A						\$0
17	Laurel Road and Knights Trail Intersection (may be included as part of Priority #2)	Add 125' extension east bound turn lanes and Albee Farm Road 25' extension west bound left turn lane (based on traffic study for Portofino Development).	N/A			\$51,225			\$51,225
18	I75 NB Ramps and Laurel Road intersection	Increase Cycle length from 110 seconds to 160 seconds.	N/A						
Transportation - Roadway Improvements Totals				\$0	\$0	\$51,225	\$0	\$600,000	\$651,225

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

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

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	Downtown Enhancements	Sidewalk to remove gap in pedestrian facilities between Ridgewood and US 41 Bypass	Grant Funds	\$40,000					\$40,000
1	Ridgewood Sidewalk	Sidewalk to remove gap in pedestrian facilities between Ridgewood and US 41 Bypass	Grant Funds	\$40,000					\$40,000
1	Tarpon Center Road Upgrades	Road Diet - convert two lane road to one lane with expanded bike lane	Gas Tax	\$50,000					\$50,000
3	ADA Improvements Sidewalks/Parks/Buildings	ADA Compliance Improvements	One-Cent Sales Tax	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000
4	Sidewalk Replacement/Connectivity	Annual Connectivity Enhancement	One-Cent Sales Tax	\$250,000	\$100,000	\$100,000	\$100,000	\$100,000	\$650,000
5	Laurel Road Multiuse Trail	From Jacaranda Blvd. east to entrance to SJMR development	SJMR Developer						\$0
Transportation - Bicycle/Pedestrian/Transit Improvements Totals				\$400,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,400,000

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 8: Other Capital Projects

Project Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2019	Fiscal year 2020	Fiscal Year 2021	Fiscal Year 2022	Fiscal Year 2023	Five Year Total
1	New Police Station	Construct new Police Station	Bond	\$4,000,000	\$12,500,000				\$16,500,000
2	City Hall/Fire Station 1 Generator	Install Generator for emergency operations	1 Cent Sales Tax/HMGP Grant		\$1,175,000				\$1,175,000
3	Fire Station 1	Rebuild / addition to City Hall	One cent sales tax / Building Enterprise Fund	\$750,000	\$4,250,000				\$5,000,000
4	City Hall Expansion	Install Generator for emergency operations	1 Cent Sales Tax/HMGP Grant/Building Enterprise Fund		\$3,500,000				\$3,500,000
5	Relocate Public Works	Relocate to old Police Station Site	One cent sales tax		\$250,000	\$2,500,000			\$2,750,000
Other Capital Projects Totals				\$4,750,000	\$21,675,000	\$2,500,000	\$0	\$0	\$28,925,000

COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2019 - 2023

Table 9 : Long Range Capital Projects FY 2024 - FY2028

Project				Fiscal Year	Fiscal year	Fiscal Year	Fiscal Year	Fiscal Year	
Ranking	Project Name	Project Description	Funding Source	2024	2025	2026	2027	2028	Five Year Total
Transportation									
1	Pinebrook Road - Intersection Improvements at Venice Ave. and Ridgewood Intersections	Construction Phase - Upgrade intersections to increase capacity and improve safety for vehicles, pedestrestrians and bicycles	Road Impact Fees / MPO Funding		\$4,750,000				\$4,750,000
2	Venice Avenue Bridge (Reconstruction/enhancement)	Study/evaluate options including expansion	N/A						\$0
3	Edmondson/Border Roads - From Pinebrook Road to beginning of four lane section of Border Road east	Add two lanes	N/A						\$0
4	Laurel Road from I-75 SB Ramps to Knights Trail Road	Add two lanes	N/A						\$0
5	Knights Trail Extension to 681 Interchange	Extend Roadway	N/A						\$0
6	Laurel Road from Honre Ave. to I-75	Add two lanes	N/A						\$0
Potable Water									
1	Construct Additional Supply Wells	Capacity Project	N/A						
									\$0
Sanitary Sewer									
1	Add Influent Equalization	N/A	N/A						
Long Range Capital Projects Totals				\$0	\$4,750,000	\$0	\$0	\$0	\$4,750,000