# 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 2025-2029 planning period.

## **City of Venice**

## **Comprehensive Plan**

## **Five Year Capital Improvement Schedule (CIS)**

### Fiscal Years 2025 - 2029

### **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. Most 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 2030 – FY 2034 - 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 2034).

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.

#### COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029 Potable Water/Sanitary Sewer Table 1: Water Production CC PC Fiscal year **Fiscal Year** Fiscal Year **Fiscal Year Fiscal Year** Five Year **Project Name Project Description Funding Source** Ranking Ranking 2025 2026 2027 2028 2029 Total WTP 2nd Stage Addition of 2nd stage SRF, PCF, S and 1 \$4,500,000 \$4,500,000 Membrane membrane RO skid **Operating Revenue Onsite Emergency** Install emergency generators 2 \$130,000 \$260,000 Operating Revenue \$130,000 Generators at Wells at appropriate well locations Water Treatement Plant Moving water treatment 3 Relocation (Master Plan Operating Revenue \$2,000,000 \$2,000,000 plant to new location Feasbility Study) RO Membrane Replace 4 membranes at the 4 **Operating Revenue** \$1,500,000 \$1,500,000 RO plant Replacement Replace components 5 WTP Improvements Operating Revenue \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$2,500,000 throughout facility Assess and improvement **Potable Water Security** 6 **Operating Revenue** \$100,000 \$100,000 Improvements security to campus and wells Potable Water/Sanitary Sewer Table 1 Totals: \$6,730,000 \$630,000 \$2,500,000 \$500,000 \$500,000 \$10,860,000

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

#### COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029 Potable Water/Sanitary Sewer Table 2: Water Distribution & Sewer Collection Systems CC PC **Fiscal Year** Fiscal Year **Fiscal Year Fiscal Year** Five Year Fiscal vear **Project Name Project Description Funding Source** 2025 2026 2027 2028 2029 Ranking Ranking Total Increse capacity by upsizing 1 Knights Trail Force Main **Operating Revenue** \$2,200,000 \$2,200,000 existing wastewater pipes Water Main Relocate water mains and SRF. PCF. S and 2 \$2,000,000 \$2,000,000 \$2,000,000 \$6,000,000 Replacement Program associated appurtenances **Operating Revenue Bay Indies Utilities** Relocate gravity collection **PCF** and Operating \$5,000,000 3 \$5,000,000 \$5,000,000 \$5,000,000 \$20.000.000 Relocation mains and water mains Revenue Replace components and Collection System 4 perform inflow and **Operating Revenue** \$750,000 \$750,000 \$750,000 \$750,000 \$750,000 \$3,750,000 Improvements infiltration improvements Water Service Line Replace old potable water Utility Reserves & 5 \$500,000 \$2,500,000 \$500,000 \$500,000 \$500,000 \$500,000 Replacement service lines **Operating Revenue** Replace potable and Distribution System 6 \$500,000 reclaimed water valves and Operating Revenue \$500,000 \$500,000 \$500,000 \$500,000 \$2,500,000 Improvements hydrants **Nokomis Groves Force** Increse capacity by upsizing 7 **Operating Revenue** \$1,800,000 \$1,800,000 Main (FY24 Funding) existing wastewater pipes Force Main Upsizing existing 8 \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 Operating Revenue \$2,500,000 Improvements wastewater force mains Meter Change Out Replace and refresh existing 9 **Operating Revenue** \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$750,000 Program water meter inventory **East Gate Utilities** Replace old water main and 10 SRF and PCF \$3,000,000 \$3,000,000 Relocation - Ph 3 collection system piping **Technical Unit** Construct a new 11 Equipment wastewater force main **Operating Revenue** \$25,000 \$25,000 \$25,000 \$25,000 \$125,000 \$25,000 across the ICW Improvements Potable Water/Sanitary Sewer Table 2 Totals: \$13,425,000 \$12,425,000 \$9,425,000 \$7,425,000 \$2,425,000 \$45,125,000

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

#### COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029 Potable Water/Sanitary Sewer Table 3: Water Reclamation Facility & Lift Stations CC PC Fiscal vear **Fiscal Year Fiscal Year Fiscal Year Fiscal Year** Five Year Project Name **Project Description Funding Source** Ranking 2025 2026 2027 2028 2029 Ranking Total SRF, PCF, SC and Construction of an \$6,000,000 \$6,000,000 1 **Equalization Tank** Operating Revenue equalization tank Funds Lift Station Rehab Rehabilitation, repair and 2 Operating Revenue \$500,000 \$500,000 \$500,000 \$500,000 \$2,000,000 updating of components Program Replace worn out and/or Lift Station Replacement 3 Operating Revenue \$100,000 \$100,000 \$100,000 \$100,000 \$100,000 \$500,000 defective pumps **Pumps** WRF Energy Construction of a floating Operating Revenue 4 Conservation and TBD \$0 photovoltaic system and SC Efficiency Reclaimed Water Dist. \$1,000,000 5 System expansion **Operating Revenue** \$1,000,000 \$1,000,000 \$1,000,000 \$1,000,000 \$5,000,000 System Expansion Replace components SC and Operating 6 WRF Improvements \$500,000 \$500,000 \$500,000 \$500,000 \$500,000 \$2,500,000 throughout the facility Revenue **Onsite Emergency** Install emergency 7 Generators at Lift generators at appropriate \$50,000 \$50,000 Operating Revenue Stations lift stations Install liner in the reject **Operating Revenue** 8 Reject Pond Liner \$800,000 \$800,000 and SC pond **Nokomis Groves Lift** Installation of additional lift 9 **Operating Revenue** \$2,100,000 \$2,100,000 Station (FY24 Funding) station Conversion of existing Reclaimed Water 10 potable ground storage tank **Operating Revenue** \$600,000 \$600,000 Storage Tank to reclaimed water Potable Water/Sanitary Sewer Table 3 Totals: \$11,150,000 \$2,100,000 \$2,100,000 \$2,100,000 \$2,100,000 \$19,550,000

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

			Table 4:	<b>Functional Open S</b>	pace (Parks)					
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2025	Fiscal year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Five Year Total
	1	Hecksher Park Pickleball Courts	Design, permit, and construction	Park Impact Fees	\$200,000					\$200,000
	2	NE Venice Park	\$2.75 million funded in 2023	Funded	\$3,100,000					\$3,100,000
	3	Centennial Park	Electrical Upgrades/Paving	General Revenues	\$200,000					\$200,000
	4	Higel Park	Interior and Exterior Improvements and Site Paving	General Revenues	\$25,000					\$25,000
	5	Venice Myakka Park	Restroom Renovation	General Revenues	\$30,000	\$20,000				\$50,000
	6	Chuck Reiter Park	Restroom, Bleachers and other Various Upgrades	General Revenues	\$40,000	\$250,000		\$250,000		\$540,000
	7	Brohard Park	Facility Upgrades	General Revenues		\$10,000				\$10,000
	8	Hecksher Park	Facility Upgrades	General Revenues	\$61,467	\$262,500				\$323,967
	9	Wellfield Park	Facility Upgrades	General Revenues	\$35,000	\$97,934	\$950,000			\$1,082,934
	10	Chauncy Howard Park	Boardwalk & Fencing	General Revenues			\$50,000			\$50,000

**General Revenues** 

**General Revenues** 

**General Revenues** 

Functional Open Space (Parks) Table 4 Totals:

\$100,000

\$40,000

\$780,434

\$3,691,467

\$200,000

\$300,000

\$1,500,000

\$250,000

\$0

\$100,000

\$200,000

\$340,000

\$6,221,901

Installation

Equipment

11

12

13

Playground Equipment

Venice Municipal Beach

West Blalock Park

Replacement of Old

and Boardwalk Repair

ADA Improvements

Painting, Roof Replacements

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029										
	Table 5: Solid Waste										
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2025	Fiscal year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Five Year Total	
	1	New Solid Waste Facility	New Solid Waste Facility	Operating Revenue	\$975,000	\$9,750,000	\$634,997	\$634,997	\$634,997	\$12,629,991	
	Solid Waste Table 5 Totals: \$975,000 \$12,629,991									\$12,629,991	

#### COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029 **Table 6: Stormwater** CC PC **Fiscal Year** Fiscal year Fiscal Year Fiscal Year Fiscal Year **Five Year Project Name Project Description Funding Source** Ranking 2025 2026 2027 2028 2029 Ranking Total Stormwater Water Quality 1 **Tarpon Center Upgrades** Improvements for the larger Stormwater Fees \$100,000 \$100,000 project Deertown Gully Water Stormwater Upgrades and 2 \$200,000 \$200,000 Stormwater Fees Water Quality Improvements **Quality Improvements** Curry Creek WQ Stormwater Upgrades and 3 **Upgrades and Channel** Stormwater Fees \$300,000 \$300,000 Water Quality Improvements Restoration Ridgwood Ditch Stormwater Upgrades and 4 Stormwater Fees \$500,000 Upgrades Water Quality Improvements Park Blvd. & Granada Stormwater Upgrades and 5 \$150,000 Ave. Water Quality Stormwater Fees \$150,000 Water Quality Improvements Upgrades Hatchett Creek WQ Stormwater Upgrades and 6 **Upgrades and Channel** \$300,000 Stormwater Fees \$300,000 Water Quality Improvements Restoration Osprey Ditch Water Stormwater Upgrades and 7 **Quality and Stormwater** Stormwater Fees \$100,000 \$650,000 \$750.000 Water Quality Improvements **Improvements** Seaboard Area - ICW Stormwater Upgrades and 8 \$200,000 \$300,000 \$500,000 Stormwater Fees Outfalls Water Quality Improvements Church St. Flood Stormwater Upgrades and 9 Improvements & Water Stormwater Fees \$150,000 \$150,000 Water Quality Improvements Quality Golf Dr. Stormwater Stormwater Upgrades and 10 \$150,000 \$300,000 \$450,000 Stormwater Fees Improvements Water Quality Improvements Nolen Green Water Stormwater Upgrades and \$30,000 \$30,000 11 Stormwater Fees **Quality Projects** Water Quality Improvements Parkside & Parkdale Dr. Stormwater Upgrades and

Stormwater Fees

Water Quality Improvements

12

WQ and Stormwater

Improvements

\$350,000

\$50,000

\$300,000

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	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029											
	Table 6: Stormwater											
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2025	Fiscal year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Five Year Total		
	13	Airport Ave. Drainage and Water Quality Upgrades	Stormwater Upgrades and Water Quality Improvements	Stormwater Fees			\$50,000	\$300,000		\$350,000		
	14	North Nokomis (Bella Costa) Outfall WQ Project	Stormwater Upgrades and Water Quality Improvements	Stormwater Fees			\$200,000			\$200,000		
	15	Circle Dr. Stormwater Improvements & Water Quality	Flood Protection, Stormwater Upgrades and Water Quality	Stormwater Fees					\$400,000	\$400,000		
	Stormwater Table 6 Totals:					\$1,330,000	\$600,000	\$1,050,000	\$400,000	\$4,230,000		

## **Table 7A: Transportation - Roadway Improvements**

	Table 7A : Transportation - Roadway Improvements									
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2025	Fiscal year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Five Year Total
	1	Laurel Rd from Knights Trail Rd to Jacaranda Blvd (V/C 1.17)	Widen to 4 lanes	County Funds and Mobility Fees Collected in the City						\$0
	2	Pinebrook Rd and E. Venice Ave (V/C 1.16)	Intersection improvements at Venice Ave and Ridgewood Ave intersections and optimize signal timing	County Funds, Grant Funds and Mobility Fees Collected in the City						\$0
	3	Pinebrook Rd from Edmondson Rd to E. Venice Ave (V/C 1.14)	Traffic mitigation							\$0
	4	Jacaranda Blvd from Laurel Rd to Border Rd (V/C 0.93)	Widen to 4 lanes							\$0
	5	I-75 SB Ramps and Laurel Rd 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 lane(s); 3) Change cycle length from 110 to 120 seconds							\$0
	6	Laurel Rd From Pinebrook Rd to I-75 (V/C 1.3)	Widen to 6 lanes							\$0
	7	Lorraine Rd connection to Knights Trail Rd	Extension of Lorraine Rd to connect with Knights Trail Rd	County Funds and Mobility Fees Collected in the City						\$0

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**Table 7A: Transportation - Roadway Improvements** CC PC Fiscal Year Fiscal year Fiscal Year **Fiscal Year Fiscal Year** Five Year **Project Name Project Description Funding Source** Ranking Ranking 2025 2026 2027 2028 2029 Total 1) Add a 3rd EB LT lane and add receiving NB lanes; 2) Convert existing EB RT lane to a thru/RT lane and remove cross striping on receiving lane(s); 3) Add 2nd SB LT lane Knights Trail Rd and and convert the SB thru lane 8 \$0 Laurel Rd (V/C 1.96) to a shared thru/RT lane along with receiving lane(s); 4) Add a WB RT overlap; 5) Change side street phasing to protected + permitting LT; 6) Modify signal timing (cycle length 120 to 160 seconds) 1) Install traffic signal; 2) Restripe SB approach from shared LT/THRU lane and Jacaranda Blvd and exclusive RT lane to exclusive 9 \$0 Border Rd (V/C 1.92) LT and shared RT/THRU lane; 3) Construct an EB RT and LT lanes; 4) Construct a WB LT 1) Add EB RT lane and modify EB THRU/RT lane to THRU Laurel Rd and Jacaranda 10 only; 2) Add WB LT lane and \$0 Blvd (V/C 1.53) modify WB THRU/LT lane to THRU only; 3) Signalize Laurel Rd from I-75 to Knights Trail Rd (V/C 11 Widen to 6 lanes \$0 1.38)

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Venice Ave to Center Rd

### COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029

#### **Table 7A: Transportation - Roadway Improvements** CC PC Fiscal Year Fiscal year Fiscal Year Fiscal Year Fiscal Year Five Year **Project Name Project Description Funding Source** Ranking Ranking 2025 2026 2027 2028 2029 Total 1) Add 5 section head to allow NB RT overlap phase; 2) Pinebrook Rd/Honore Convert EB THRU/RT lane to 12 Ave and Laurel Rd \$0 THRU only and add EB RT intersection (V/C 1.4) lane; 3) Add 2nd NB LT, RT lanes; 4) Modify signal timing 1) Add a WB thru lane; 2) I-75 NB Ramps and Laurel 13 \$0 Rd (V/C 1.09) Modify signal timing Knights Trail Rd from Laurel Rd to Rustic Rd 14 Widen to 4 lanes \$0 (V/C 1.38) Pinebrook Rd and 15 Optimize signal timing \$0 Edmondson Rd (V/C .99) Pinebrook Rd and Curry Add WB LT lane and WB RT 16 \$0 Ln (V/C .81) Auburn Rd and E. Venice Remove split phase for the 17 \$0 Ave (V/C .78) NB/SB approaches Safety Study for alignment and capacity analysis for Edmondson Rd and 18 \$0 Auburn Rd Intersection intersection turning movements Knights Trail Rd and 19 \$0 Signalize Technology Dr Knights Trail Rd and 20 Signalize \$0 **Discovery Way** Increase capacity and reduce US 41 Adaptive Traffic 21 congestion of the intersection \$0 Signals-Upgrade signals on Business and Bypass 41 Pinebrook Rd from E. 22 Widen to 4 lanes \$0

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#### **COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029 Table 7A: Transportation - Roadway Improvements** CC **Fiscal Year** Fiscal year Fiscal Year **Fiscal Year** Fiscal Year PC **Five Year Project Name Project Description Funding Source** Ranking 2025 2026 2027 2029 Ranking 2028 Total New Jacaranda Blvd from Associated intersection \$0 Border Rd to I-75 Project improvements Knights Trail Rd and Gene 1) Add a NB RT lane; 2) New \$0 Signalization Project Green Rd Convert from 2-way stop Knights Trail Rd and New \$0 Rustic Rd control to all-way stop **Project** 1) Add stop signs to E and W New approaches; 2) Add WB LT Auburn Rd and Border Rd \$0 Project

\$0

\$0

\$0

\$0

\$0

\$0

**Transportation - Roadway Improvements Table 7A Totals:** 

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029											
	Table 7B : Transportation - Bicycle/Pedestrian/Transit Improvements											
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2025	Fiscal year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	Five Year Total		
	1	ADA Improvements Sidewalks/Parks/Buildings	ADA Improvements	One-Cent Sales Tax	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000		
	2	Bike Facilities Improvements	Bike Facilities Improvements	One-Cent Sales Tax	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000		
	3	Tarpon Center Upgrades	Transportation, multimodal, and sustainability improvements	Gas Tax, FDEP	\$2,100,000					\$2,100,000		
	4	Park Blvd South Pathway	Design, permit and construction	Gas Tax	\$450,000					\$450,000		
	5	Bayshore Sidewalk Project	Design, permit and construction	Gas Tax	\$450,000					\$450,000		
	Transportation - Bicycle/Pedestrian/Transit Improvements Table 7B Totals:					\$175,000	\$175,000	\$175,000	\$175,000	\$3,875,000		

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2025 - 2029											
			Tab	le 8: Other Capita	Projects							
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2025	Fiscal year 2026	Fiscal Year 2027	Fiscal Year 2028	Fiscal Year 2029	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	\$22,250,000	\$1,470,256	\$1,470,256	\$1,470,256	\$1,470,256	\$28,131,024		
	3	Fire Station 2 Relocation	Fire Station 2 Relocation	Impact Fees	\$750,000							
	4	City Hall Improvements	Interior modifications	One-Cent Sales Tax	\$100,000		\$85,000			\$185,000		
	5	City Fleet Maintenance Facility	Design and construction	One-Cent Sales Tax	\$525,000	\$4,550,000	\$272,142	\$272,142	\$272,142	\$5,891,426		
	6	City Fleet Maintenance Facility	Design and construction	Impact Fees		\$700,000						
	7	Fire Station 52 Upgrades	Major replacements and repairs	One-Cent Sales Tax	\$45,000	\$88,023				\$133,023		
	8	Fire Station 53 Upgrades	Major replacements and repairs	One-Cent Sales Tax		\$78,650	\$45,000			\$123,650		
	9	FS53 Generator Replacement	Replacement of existing generator	One-Cent Sales Tax				\$200,000		\$200,000		
	10	Venice Community Center	Major replacement	One-Cent Sales Tax	\$90,000	\$113,868	\$340,000	_	_	\$543,868		
			Other Capital Pr	ojects Table 8 Totals:	\$24,010,000	\$7,300,797	\$2,512,398	\$2,242,398	\$2,042,398	\$36,657,991		

	COMPREHENSIVE PLAN: CAPITAL IMPROVEMENT SCHEDULE FISCAL YEARS 2030 - 2034											
	Table 9 : Long Range Capital Projects FY2030 - FY2034											
CC Ranking	PC Ranking	Project Name	Project Description	Funding Source	Fiscal Year 2030	Fiscal year 2031	Fiscal Year 2032	Fiscal Year 2033	Fiscal Year 2034	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 Projects Table 9 Totals:						\$0	\$0	\$0	\$0		