

## Lift Station and Vacuum System Rehabilitation

**Category** Non-concurrency  
**Project Number** 3524  
**Location** Systemwide  
**District** Systemwide

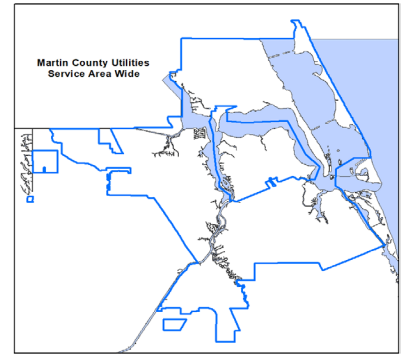
**Project Limits** Systemwide

### Related Projects

**Lead Dept/Division** Utilities  
**Year Project Initiated** On-going

**Project Life Cycle** 8 to 50 Years

**Resilience Requirements** ☒ 2040 Vulnerability ☐ 2070 Vulnerability ☐ 2100 Vulnerability



### DESCRIPTION

Rehabilitation of existing lift stations to bring them up to Martin County Utilities current Minimum Construction Standards. The most essential parts of this project are pump replacements in various lift stations. Project also includes rehabilitation of vacuum system components such as pumps, vacuum valves, controllers, etc. Starting with FY26, inbuilt pumps will be used in place of generators which increases the lift station rehab CIP budget line but decreases the equipment CIP sheet.

### BACKGROUND

Rehabilitation of existing lift stations is an on-going effort. Martin County Utilities maintains a total of 378 lift stations that in total pump an average of 4.6 million gallons of wastewater per day. In addition the Utilities owns and operates 5 vacuum systems.

### PROJECT ORIGATION

Infrastructure Needs

### JUSTIFICATION

Rehabilitation of lift stations brings older ones to current level of service according to Department specifications, which will minimize the risk of failures that result in sewage spills. Pump replacement is an on-going service to maintain reliability.

Expenditures	Total	To Date		Funded					Unfunded
				FY26	FY27	FY28	FY29	FY30	FY31-FY35
Construction	21,000,000	0		2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000
<b>Expenditure Total</b>	<b>21,000,000</b>	<b>0</b>		<b>2,100,000</b>	<b>2,100,000</b>	<b>2,100,000</b>	<b>2,100,000</b>	<b>2,100,000</b>	<b>10,500,000</b>
Revenues	Total	To Date	Carryover	FY26	FY27	FY28	FY29	FY30	FY31-FY35
Utilities R&R	21,000,000	0		2,100,000	2,100,000	2,100,000	2,100,000	2,100,000	10,500,000
<b>Revenue Total</b>	<b>21,000,000</b>	<b>0</b>		<b>2,100,000</b>	<b>2,100,000</b>	<b>2,100,000</b>	<b>2,100,000</b>	<b>2,100,000</b>	<b>10,500,000</b>
<b>Total Unfunded</b>									<b>0</b>

### OPERATING BUDGET IMPACT

Current pump replacement cost is \$2,000 - \$10,000 per pump. If the pump is repairable, costs are \$800 - \$5,000 per pump. Rehabilitation to the lift station includes new pumps and controls which will not require replacement or repair for several years versus constant repair to existing pumps.