CLARK REGIONAL WASTEWATER DISTRICT

Clark Regional Wastewater District

Ten-Year Capital Program
Capital Project Profile

Abrams Park Pump Station Replacement (CIP 3-501A)

Location: Ridgefield	Capital Improvement Project 🗆
Number: <u>27-2019-0082</u>	General Facilities □
GL Number: <u>407-100-189-00-01-12</u>	Local Agency Partnership 🗆
Project Risk Score: 85	Septic Elimination Program \Box
	Developer Reimbursement Program \Box
Phase: Design	
	Restoration & Replacement Project 🗵
Project Manager: <u>Katie Hall</u>	Restoration & Replacement – Gravity 🗆
	Restoration & Replacement – PS & FM ⊠
GSP Basin: Abrams – 3-501	Restoration & Replacement – Local Agency Partnership 🗆
Project Definition:	

<u>Background.</u> This pump station is a vacuum-primed package pump station that was installed in 1987. The pump station serves the Abrams Park restrooms, kitchen shelter, and three residences located north of the park. A pump station condition and criticality assessment scored the project 75 out of 100 due to its poor condition, poor reliability, and high consequence of failure given its proximity to Gee Creek. This station has reached the end of its useful life and is recommended for replacement.

In recent years, one of the two vacuum-primed pumps lost its ability to self-prime. The District replaced it with a grinder pump, which has been operating successfully. Project efforts will focus on installing a redundant grinder pump and improving wet well access. Construction of the Ridgefield Outdoor Recreation Complex has reduced the load on Abrams Park, allowing for a streamlined replacement.

Objective. Refurbish the facility to improve pumping reliability and access.

<u>Scope of Work.</u> Remove the existing equipment, replace the existing vacuum primed pump with a grinder pump, and replace the wet well cover with a lid that improves access. Connect to the existing 4-inch force main.

<u>Project Statistics.</u> Force main – no impact.

Pump Station – grinder pump with 50 gpm capacity. New wet well cover and hatch.

Photos: (Map of area on the reverse side)

Budget Information:

Project Cost Estimate:Total Project Cost:\$352,000Construction Cost:\$220,000Basis of Estimate:DesignDate of Estimate:Sept. 2024

Schedule Information:

 Activity
 Year

 Predesign
 2020

 Permitting
 2020-2024

 Real Property/ROW
 2020-2024

 Design
 2020-2025

 Bid
 2025

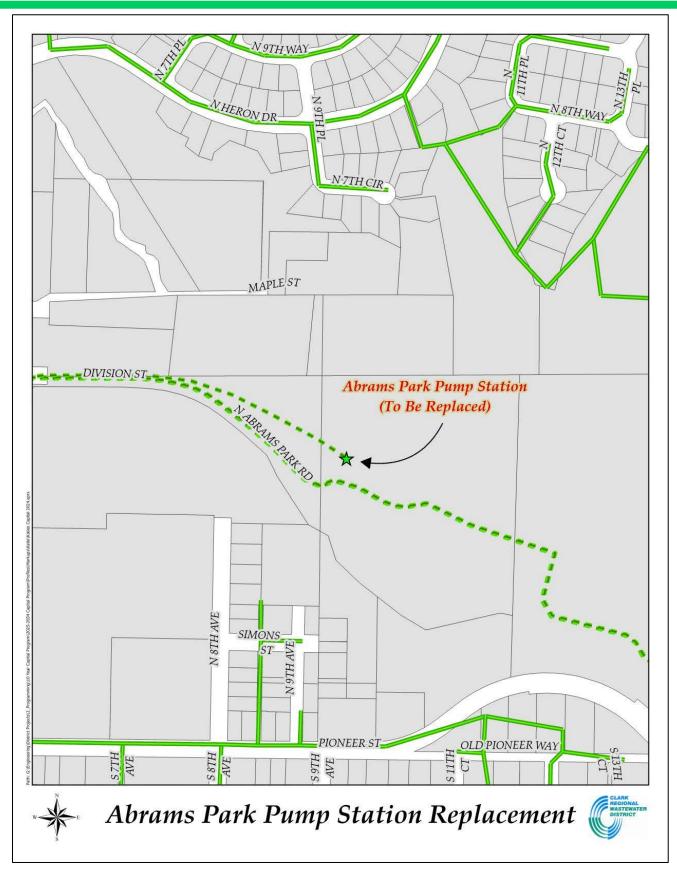
 Construction
 2025

Updated: Sept. 2024

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