

## MEMORANDUM

TO: Programs, Projects, and Operations Subcommittee  
FROM: Lori Ann Laster, Stormwater Management Engineer  
SUBJECT: Water Sustainability Fund Application for West Papillion Regional Basin 4  
DATE: June 30, 2021

In 2019, the Papillion Creek Watershed Partnership adopted a new implementation plan that called for construction of three new flood control reservoirs, including West Papillion Regional Basin Number 4 (WP4). A final design contract was approved for this project in May 2021 and construction is tentatively scheduled to begin in Spring 2022.

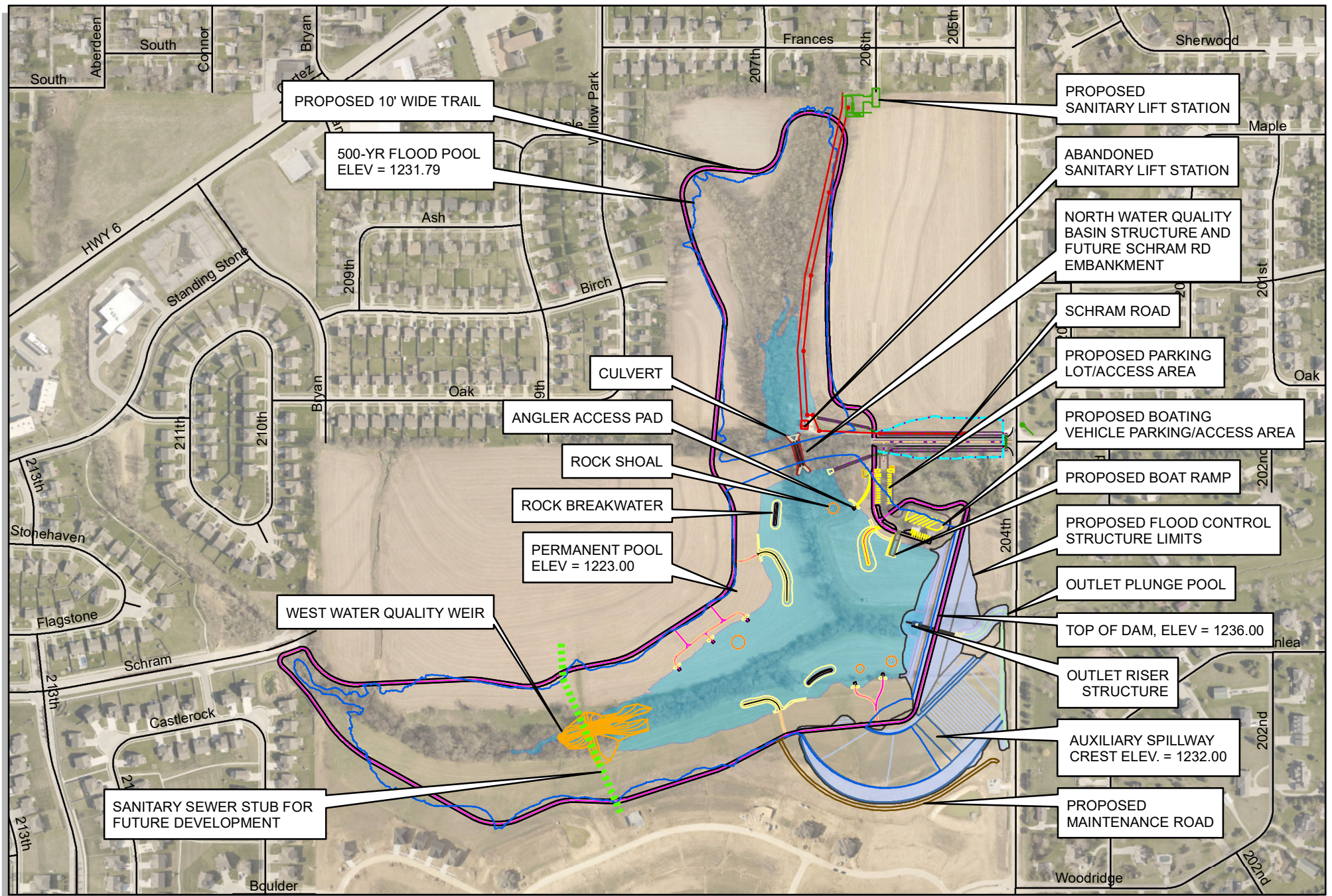
Based on the 60% design completed in 2018, the total cost of WP4 is estimated to be \$14,855,550, including design, land acquisition, and construction. To date, the District has expended \$1,793,000 on design (including permitting) and land acquisition, leaving approximately \$13,062,550 required to complete the project.

District staff has worked with other potential project partners to help fund the project. It is anticipated that the City of Gretna will contribute towards sanitary sewer work, Sarpy County will contribute towards work on the future extension of Schram Road, and Nebraska Game and Parks Commission will contribute towards fisheries habitat and in-lake recreation features.

Tasks	Cost Estimate	NGPC Share	40% Local Cost Share				WSF Grant Request
			Gretna Share	Sarpy County Share	P-MNRD Share	Total Local Cost Share	
Engineering Design Services	\$633,605		\$9,900	\$68,000	\$175,542	\$253,442	\$380,163
Permitting	\$37,340				\$14,936	\$14,936	\$22,404
Other Professional Services	\$1,187,505				\$475,002	\$475,002	\$712,503
Land Acquisition	\$3,377,000				\$1,350,800	\$1,350,800	\$2,026,200
Engineering Construction Services	\$827,800			\$54,000	\$277,120	\$331,120	\$496,680
Construction	\$6,999,300	\$150,000	\$100,000	\$500,000	\$2,139,720	\$2,739,720	\$4,109,580
Totals	\$13,062,550	\$150,000	\$109,900	\$622,000	\$4,433,120	\$5,315,020	\$7,747,530

To assist funding the remaining, staff has worked with HDR Engineering, Inc. and JEO Consulting Group to prepare a Water Sustainability Fund application. The current engineer's estimate is shown in the table above. The application is requesting a grant to cover 60% of the project costs for a total contribution from the WSF of \$7,747,530.

**Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to execute and submit a Water Sustainability Fund application for the West Papillion Regional Basin 4 Project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**



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# Basin WP-4

Sarpy County, NE



0 250 500 Feet

