

**Memorandum**

To: Programs, Projects, and Operations Subcommittee

From: Amanda Grint, Assistant General Manager

Date: October 1, 2024

Re: Modification to USGS Agreement for Platte River Cameras

Following the March 2019 flood event, local NRDs, emergency managers, and City staff have been interested in deploying camera systems and sensors at key locations along the Platte River to directly observe what is happening during potential ice jam and flooding situations. In 2021, cameras were installed along the Platte River at Columbus, Schuyler, North Bend, Fremont and Leshara. In 2022, the District and Lower Platte South NRD and USGS installed three additional cameras at Ashland on the Platte and at Winslow and West Point on the Elkhorn River. These cameras have provided valuable information on ice breakup and movement through the Platte system. A ninth camera is proposed for the Platte River at Louisville.

The USGS has modified the agreement to include installation and maintenance of the Louisville site. An interlocal agreement is proposed between the District and the Lower Platte South NRD to equally share the Louisville costs. The following costs would be added to the original agreement for FY25:

Papio NRD	\$6,667.50
Lower Platte South NRD	\$6,667.50
USGS	\$4,450
Total	\$17,805

**Management recommends that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute the proposed Modification to the USGS Agreement for the addition of the Louisville camera to FY25 for the Platte River Camera project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.**

Agreement No. 23NRJFA00260  
Modification No. 001  
Customer No. 6000000134  
Cost Center GGEMNR0000  
Project NR00GS1  
TIN 47-0542469

DEPARTMENT OF THE INTERIOR GEOLOGICAL  
SURVEY  
SUPPLEMENTAL JOINT FUNDING AGREEMENT FOR  
WATER RESOURCES INVESTIGATIONS

THE GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT**, party of the second part, hereby agree to amend the Joint Funding Agreement No. **23NRJFA00260** dated October 1, 2022 as follows:

Paragraph 2(a) is hereby **increased by \$4,450** to read as follows:

- (a) \$28,030 by the party of the first part during the period October 1, 2022 to September 30, 2025

Paragraph 2(b) is hereby **increased by \$13,355** to read as follows:

- (b) \$58,305 by the party of the second part during the period October 1, 2022 to September 30, 2025

Billing for this agreement will be rendered **quarterly**. Payments of bills are due within 60 days after billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30-day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.)

Geological Survey  
UNITED STATES  
DEPARTMENT OF THE INTERIOR

PAPIO-MISSOURI RIVER NRD

By \_\_\_\_\_  
Jason M. Lambrecht, Acting Director  
Nebraska Water Science Center  
Date 9/26/24

By \_\_\_\_\_  
  
Date \_\_\_\_\_

**Table 1.** Summary of proposed funding for the period October 1, 2022 -- September 30, 2025 for the equipment purchase (one-time cost) and operation of gage cameras at two USGS streamgages and one NDNR streamgage, and amended to include the October 1 -- September 30, 2025 equipment purchase/installation and operation of an additional camera at the USGS Louisville streamgage; supported by the Papio-Missouri River NRD (herein referred to as Cooperator), and other potential funding partners yet to be named.

[CMF=USGS, Cooperative matching funds; R&D=USGS, National Research and Development; Cooperator= Papio-Missouri River NRD; USGS=U.S. Geological Survey]

Station number	Fiscal Year and USGS Services	Station funding			Total funding
		USGS CMF	USGS R&D	Cooperator	
<b>Streamgage Cameras</b>					
*	FY23 Equipment purchase, installations and camera gage operations	\$17,185	\$6,075	\$25,775	\$49,035
*	FY24 Camera gage operations	\$3,115	\$0	\$9,340	\$12,455
*	FY25 Camera gage operations	\$3,280	\$0	\$9,835	\$13,115
**	FY25 Equipment purchase, installation for camera gage at streamgage 06805500 Platte River at Louisville	\$3,390	\$0	\$10,180	\$13,570
**	FY25 Camera gage operation at Louisville	\$1,060	\$0	\$3,175	\$4,235
Funding partner totals		\$28,030	\$6,075	\$58,305	\$92,410

\* Cameras at 3 streamgage locations:

- 1) 06799350 Elkhorn River at West Point, Nebr.
- 2) 06799510 Elkhorn River near Winslow, Nebr. (streamgage operated by NDNR)
- 3) 06801000 Platte River near Ashland, Nebr.

\*\* Camera at 06805500 Platte River at Louisville, Nebr.