



May 20, 2021 -- UPDATED

TO: Flood Authority Members
FROM: Scott Boettcher, Staff
SUBJECT: Webcam Relocation

Purpose of this memo is to discuss and approve a recommendation to relocate one of the Flood Authority's Flood Warning System webcams. We will discuss this recommendation at Thursday's Flood Authority meeting. Feel free to call or email with questions (i.e., 360/480-6600, scottb@sbgh-partners.com).

A. Background

1. In 11/08/2019 WEST Consultants installed a Chehalis River Basin Flood Warning System webcam on the Monte-Elma bridge (Grays Harbor County) looking upriver at the Satsop river.
2. On two occasions Flood Authority staff (Scott) have been alerted to minor vandalism to the webcam (8/26/2020 and 4/19/2021).
3. On 4/27/2019 Flood Authority staff (Scott) notified WEST Consultants to remove the webcam until a suitable and safe relocation site and funding can be found. Rationale for removing the webcam was that it was too expensive and important to risk further (and perhaps more substantial) vandalism.

B. Recommendation

WEST Consultants, Flood Authority Staff, and Grays Harbor County have conferred on several relocation options and identified a preferred location downstream of the Monte-Elma bridge on private agricultural property (Chapman Farms). In addition to this location being safe and secure, it also has the added benefit of being able to observe downstream structures and erosion issues being considered through the Lower Satsop Restoration & Protection Program (Phase I project and Phase II project).

Staff recommendation is to approve:

- a. this preferred relocation location (Chapman Farms);
- b. a relocation cost of \$2,818.40 (per Attachment A); and
- c. relocation funding out the \$425,000 Phase II Lower Satsop "jump start" funding set aside and authorized at the 3/18/2021 Flood Authority meeting (see [here](#)), or out of the Lower Satsop Phase II Design project (\$320K currently unspent), or out of some combination thereof.

Attachment A

Chehalis River Basin Flood Authority

Satsop Webcam Relocation

April 20, 2021

Prepared by:

Prepared for:



			Senior Hydrologist	Hydrologist						Total Task Hours	COST
			Hourly Rate	\$150.00	\$120.00						
A. LABOR COSTS											
TASK	SUB-TASK	DESCRIPTION									
1		Remove and Reinstall Satsop Webcam	9	9						18	\$2,430.00
TOTAL HOURS			9	9						18	
TOTAL LABOR COST:			\$1,350.00	\$1,080.00							\$2,430.00
B. DIRECT COSTS											
Task	Item										COST
1	Materials	Fittings/hardware									\$100.00
1	Mileage	2 vehicles. 250 miles roundtrip									\$280.00
		Taxes							8.40%		\$8.40
		TOTAL DIRECT COSTS									\$388.40
		TOTAL FOR ALL TASKS & DIRECT COSTS									\$2,818.40