



December 10, 1992

TO: Jim Kimmel, SCS, Placerville

FROM: Edward Schmit, SCS, DAVIS

Subject: Hangtown Creek

Suggested response to questions for "Urban Stream Restoration Grant."

Q2

This project involves the restoration of a degraded urban stream. The stream has low riparian and visual values. Urbanization has encroached into the stream; thus leaving a single stage channel system with nearly vertical banks and little vegetation to support a viable fisheries and wildlife linkage.

Southern Pacific RR has abandoned its right-of-way on the north side of the creek. The stream can be restored using this adjacent area. The restoration effort would be based on a holistic approach; incorporating wildlife values, fisheries, and aesthetic values. The restored stream would consist of a three stage channel: 1. a low-flow area to support fisheries, 2. a primary channel designed to convey the 2- to 5-year flood, and 3. a floodway area to carry up to the 100-yr flood. Small boulders would be placed in the creek bottom to provide pools for fisheries. Low growing scrubs and trees will be planted along the stream to provide for shading to lower the water temperature and provide food and habitat for wildlife. Walkways and a bike trail would provide access to this area and adjacent businesses could construct outdoor eating areas. CAL-TRANS as part of their Highway 50 modifications should construct a sound wall on the North side of the stream, which would further enhance the stream environment. See the attached drawing.

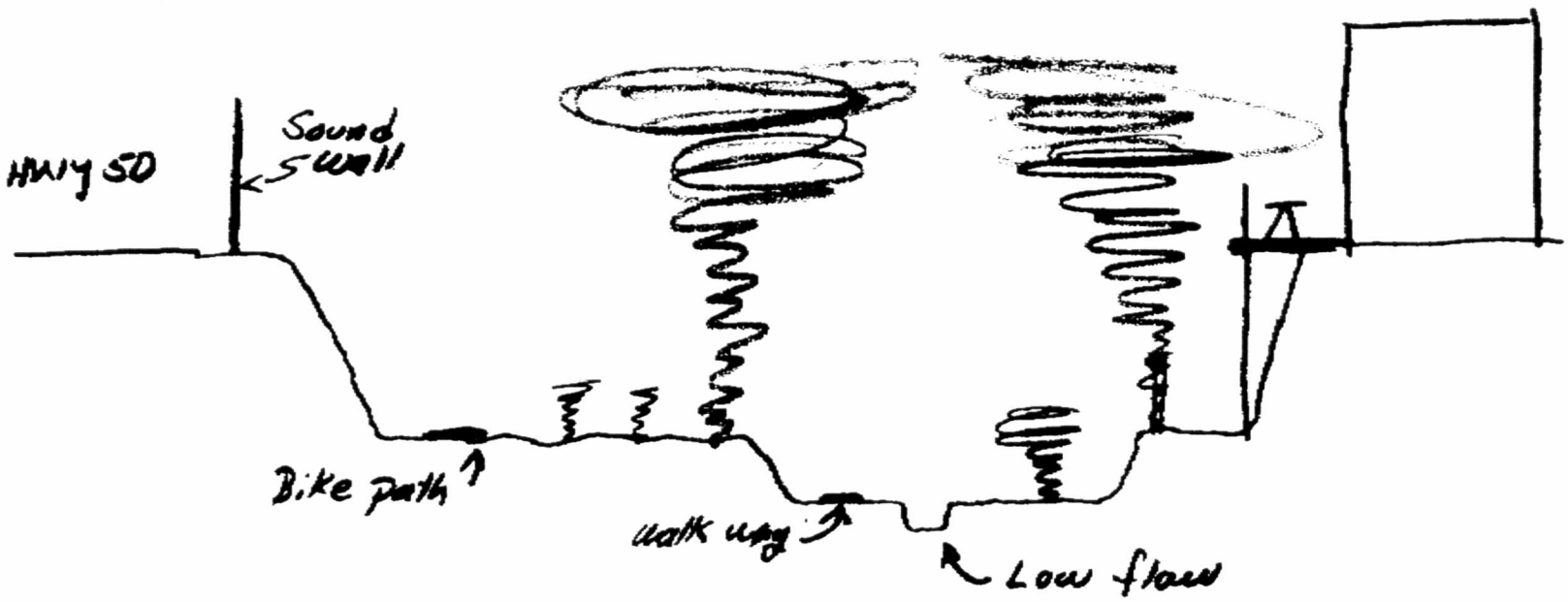
Q3

This project would provide 100-yr flood protection to the area adjacent it. The area is currently mapped by FEMA and is in the 100-yr flood plain.

Edward Schmit



STATE	CALLIE	PROJECT	HANGTOWN CREEK	JOB NO.	
BY	EJS	CHECKED BY		DATE	
SUBJECT					
				SHEET	OF



HANGTOWN CREEK Conceptual Section