



Mosquito Road Bridge Project: EVALUATION CRITERIA

EVALUATION CRITERION	EVALUATION CATEGORIES & CRITERION DESCRIPTION
	FATAL FLAWS
Fundable	Is this a fundable project?
General Plan	Is the project consistent with County's General Plan?
Purpose and Need	Does the project satisfy the Purpose and Need?
Geology	Does the project avoid geological sensitive areas such as critical slide zones?
	SAFETY and OPERATIONS
Accidents	Improve safety for motorized transportation crossing the river (<i>bridge and approaches</i>)
Emergency response	Improve opportunities for emergency response access and time
Evacuation route	Improves emergency route in case of evacuation
Standard geometry	Improves narrow approach roads with switchbacks/hairpin turns/steep grade
Alt transportation modes	Maximize safety for non-motorized transportation (<i>bridge and approaches</i>)
Recreation & river access	Maximize connectivity to trails and river access
Bridge washout	Avoid washout from dam break
Long-term maintenance	Avoid bridge types involving long-term mainenance
	CONSTRUCTION TRAFFIC HANDLING
Off-site detour	Minimize use of 16 mile detour during construction
On-site detour	Minimize use of localized detour around construction especially with single lane traffic control
Maintain traffic	Maximize ability to keep existing bridge open during construction
Access	Ease of access for construction
	COMMUNITY CHARACTER
Bridge Placement	Maximize blending of bridge placement into existing rural setting
Bridge Design	Maximize blending of bridge design into existing rural setting
	ENVIRONMENTAL/GEOTECHNICAL RESOURCES
Wildlife	Minimize impacts to biological resources and wildlife habitat (<i>turtle, eagle, river corridor wildlife</i>)
Geology	Avoid geological sensitive areas such as slide zones
Viewshed from bridge	Minimize impacts to viewshed from the bridge (<i>focus on location and not bridge type</i>)
Viewshed of bridge	Minimize impacts to viewshed of the bridge (<i>focus on location and not bridge type</i>)
Cultural resources	Minimize physical impacts to cultural/historic resources
	RIGHT-OF-WAY
Land owners	Minimize impacts to private land owners
Land acquisition	Minimize acquisition area or private properties
# of acquisitions	Minimize acquisition from private property owners
Mineral rights	Avoids properties with underlying mineral rights
	ALTERNATIVE COST / BENEFIT
Cost/Benefit	Minimize cost of project to ensure full funding through the HBP program. Maximize project cost benefit