

Summary Sheet

Applicant:	Big Sur Land Trust	BMS No: 2010FPCP0033
Project Name:	Carmel River Floodplain Restoration and Environmental Enhancement Project	
County:	Monterey	
Location:	East of Highway 1, south of lower Carmel River, Carmel	
Problem to Be Fixed:	Non-engineered farm levees constructed along the lower Carmel River do not currently provide flood protection to State Highway 1 or the developed area north of the Carmel River in storms greater than a 10-year event.	
Project Description:	<ul style="list-style-type: none"> • Construct a 520-ft flood bypass or causeway under State Hwy 1 • Remove approximately 2,900 linear feet of non-engineered farm levees in conjunction with lowering the Carmel River south bank farm levee • Remove soil “blister” (spoils) at NE portion of property • Re-contour farm levees on eastern edge of property 	
Flood Benefits:	<ul style="list-style-type: none"> • Enable more frequent flooding (storms greater than a 2-year event) to occur on the project property • Reconnect main channel of the Carmel River to the south floodplain and connect to area west of Hwy 1 • Reduce flood elevations in developed areas to the north (currently 2.0 – 4.0 ft) by 0.5-1.0 feet (100-year event) • Direct more flood flows to the south levee floodplain and under Hwy 1 causeway, reducing flood risks to Hwy 1 and to commercial and residential properties north of the lower Carmel River • Hwy 1 would no longer flood during 10-year events • Reduce north overbank area risk of flooding in any given year from once in 45 years to once in 116 years • Estimated overall flood benefits estimated at \$14M 	
Wildlife Benefits:	<ul style="list-style-type: none"> • Restore and enhance approximately 90 acres of riparian and wetland habitat on the historic floodplain, providing increased habitat acreage for sensitive species. • Provide increased quantity and quality of breeding and foraging habitat • Bypass will reconnect the east side of the floodplain to the west side of the floodplain and provide access for wildlife movement 	
Agricultural Benefits:	<ul style="list-style-type: none"> • Protect approximately 36-acre organic farm 	
Other Benefits:	<ul style="list-style-type: none"> • Groundwater recharge, transitory storage, and improved water quality • Public trails & recreation, connecting extensive coast range trail system through to Carmel River State Beach • The size, cost, and scope of the north bank flood wall will be reduced (up to 2 foot lower and shorter in length) by the construction of the causeway structure 	
Total Project Cost:	\$14,659,000	
FCP Project Cost	\$5,000,000	
Assembly District No. and Representative Name:	Assembly District 27: Bill Monning	
Senate District No. and Representative Name:	Senate District 15: Sam Blakeslee	