

**What is the status of environmental mitigation projects in the Central Valley?**

The California High Speed Rail Authority committed to offsetting impacts of the initial construction. We've counted 7 different initiatives beyond strict requirements in construction contracts that total about \$105 million. The latest Authority budget shows a \$5 million commitment.

Program	Cost	Vendors	Status	Details
Agricultural conservation easements to offset all land taken out of production	\$20 million (for 2,500 acres)	California Department of Conservation	None purchased so far. No update on total acreage – may be 5,000 acres.	<a href="#">Program FAQ</a> <a href="#">Contract</a> <a href="#">CHSRA web link</a>
Mitigation of impacts to endangered species for CP 2-4. Route cuts through key areas for many endangered species	\$50 million	Westervelt	Not clear if contract executed	<a href="#">Staff memo Jan 2015 RFP</a> <a href="#">June 2015 Board memo</a> <a href="#">268 page mitigation plan</a>
Mitigation of impacts for CP1 via Lazy K project (restoration of vernal pools and land preservation)	\$10 million	Vollmar Natural Lands Consulting, Inc.	Nearing approval for permits	<a href="#">Nov 2013 board approval</a>
Reduction in emissions in the San Joaquin valley from certain construction impacts - air quality very poor in region	\$12 million (estimate based on \$35 million for SJ section )	San Joaquin Valley Air Pollution Control District	\$2 million for CP 1A/B appear spent/ no information on rest of ICS	<a href="#">Fresno Bee article</a> <a href="#">2014 staff memo</a>
Tree planting to offset construction GHG emissions (does not include GHG from materials)	\$5 - \$10 million based on number and urban vs rural mix	TBD	As of Dec 2015, none planted 5,000 tree goal for first 29 miles 20,000 for whole project?	
Agricultural mitigation fund (part of legal settlement)	\$ 5 million		Paid out in 2013	
Traffic mitigation	?	?	Some elements in D-B contracts	