




ELEVATED ROAD CROSSING CASE STUDY

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PROJECT INFO

Fencing Type: AMX-P40

Installation: Below Ground

Longevity: Permanent

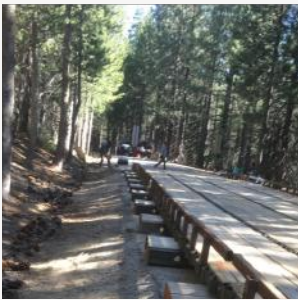
Species: Yosemite Toad

Client: USGS Western
Ecological Research Center

Location: Yosemite National
Park, California

SUMMARY

Biologists from the USGS Western Ecological Research Center are conducting a study with the U.S. Forest Service and CalTrans to determine whether building elevated bridges for cars with fencing barriers will help protect this rare toad. This was the first amphibian crossing to use an elevated road segment. Animex fencing was installed to direct toads toward the crossing. The project results will inform which road mitigation features, including the elevated bridge and exclusion fencing, are effective for protecting the toads from road mortality and is part of wider research on assessing the effectiveness of road mitigation systems for reptiles and amphibians in California.



Challenges

- Elevated road segment
- Rare species
- Custom design



Actions

- Bespoke specifications
- Durable materials
- Fence jumpouts



Outcomes

- Contribute to research
- Low maintenance
- Monitor effectiveness

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