



Jackson Rancheria  
Dalton Road Project

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# Introduction

- Jackson Rancheria Environmental Compliance Manager – Michael J. Fallon
  - Jackson Rancheria – Located in the Foothills east of Sacramento on the western slope of the Sierra Nevada Mountains
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# Introduction - Continued

## ■ Location



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# Dalton Road Project

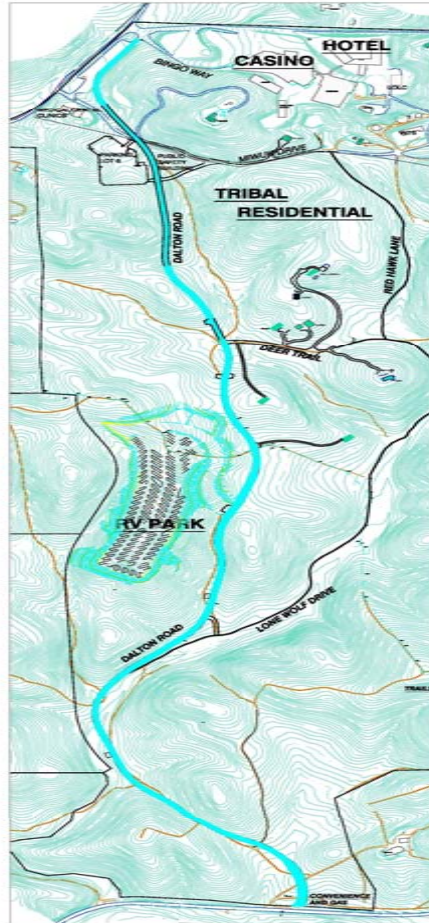
- The Tribe wanted to connect Highway 88 to the Casino by creating a arterial type access
  - Create access to other portions of the Rancheria that were previously inaccessible
  - Enable further development of the property for future growth.
  - Start enterprises that support and functionally work to enhance the Casino.
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# Dalton Road Project

- 2.12 miles from Highway 88 to the Casino
  - Crossed a number of ephemeral drainages
  - Crossed one perennial drainage
  - Required the dredge and fill of a small wetland
  - Undergrounding of overhead utilities
  - Removal of a large number of Oaks, Pines and under brush
  - Numerous cut and fill slopes
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# Dalton Road Project



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# Project Shut down

- Project broke ground in late 2003
  - Winter 2003/2004 – County received a complaint about water quality in Jackson Creek – Several projects under construction in the area offsite.
  - County referred complaint to the state; state attempted an inspection and threatened to notify U.S. EPA
  - After state inspection, state notified U.S. EPA
  - EPA and Army Corps found 32 separate CWA 404 violations some not part of the Dalton Road project – No CWA 404 or 401 authorizations.
  - No Stormwater controls in place
  - No environmental reviews, NEPA
  - No environmental permits/approvals – 404, 401, 1602, CGP – Stormwater, ESA
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# Enforcement Action

- Stopped project
  - Negotiated the enforcement penalties
    - Hired competent consultant
    - 5 year mitigation plan
    - Restore impacted drainages
    - Protect impacted drainages in perpetuity
    - Stewardship Plan
    - Purchased mitigation credits for impacts
  - Unable to restart project without permits
  - Corps unwilling to give permit until mitigation plan was in place
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# Getting The Project Going Again

- Obtained 404/401 permit for wetland area
  - Used large arched culverts to span the corps jurisdiction
  - Obtained 1603 permit
  - Conducted ESA surveys
  - Developed a CGP SWPPP and Caltrans SWPPP
  - Organized project
  - Systematically conducted the project
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# Dalton Road BMPs -Culverts

- Arched Culverts
- 7 Crossings (Culverts) – All Different Sizes
- Each Crossing was constructed onsite based on the drainage dimensions
- Clear spanned seasonal drainages
- Protected drainage from construction impacts
- Unintentionally Created Deer and Animal Crossings





# Dalton Road BMPs





# Dalton Road BMPs

- Erosion Control
  - Silt fence
  - Sedimentation ponds
  - Dewatering
  - Wattles





# Dalton Road BMPs





# Dalton Road BMPs – Silt Fence





# Dalton Road BMPs - Hydroseeding





# Dalton Road BMPs - Other





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# Dalton Road- Success

- In the end, the project was successful - the Tribe got its road.
  - 2 years behind schedule
  - 5 million over budget
  - Continued EPA oversight
  - Poor public perception
  
  - Lessons learned
    - Slow Down
    - Assemble and organize your project team
    - Assess the environmental needs
    - Hire competent consultants/engineers
    - Contractors are not consultants or engineers
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