



MINUTES OF THE ENVIRONMENTAL REVIEW BOARD (ERB)
Santa Monica Mountains
MEETING OF May 16, 2011
(Minutes approved via email May 18, 2011)

PERSONS IN ATTENDANCE

ERB MEMBERS

Rosi Dagit
Ron Durbin
Suzanne Goode
Dr. Margot Griswold (absent)
Richard Ibarra
Dr. Travis Longcore
David Magney

REGIONAL PLANNING STAFF

Dr. Wesley Colvin (ERB Coordinator)

PROJECT APPLICANTS/REPRESENTATIVES

Paul Akamnonu (Department of Public Works)
Kenneth Ho (Department of Public Works)

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AGENDA ITEMS

NEW BUSINESS:

1. **Project No. R2011-00536**
DPW Tunnel Maintenance Project, Kanan Dume and Malibu Canyon Rds., pp. 2-4.

OTHER MATTERS:

2. Public comment pursuant to Section 54954.3 of the Government Code, p. 4

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NOTE: ERB MEETINGS ARE INFORMAL WORKING SESSIONS. MEMBERS ARE APPOINTED AS VOLUNTEERS TO SERVE IN AN ADVISORY CAPACITY. MINUTES ARE PREPARED BY PLANNING STAFF PRIMARILY FROM NOTES. MEETINGS ARE ALSO RECORDED ON TAPE WHICH IS USED PRIMARILY AS A BACK-UP FOR STAFF. VISITORS ARE ADVISED TO TAKE PROPER NOTES AND/OR RECORD THE MEETING. NEW OR

CLARIFIED INFORMATION PRESENTED IN BIOTA REVISIONS MAY RAISE NEW ISSUES AND REQUIRE FURTHER ANALYSIS. MINUTES ARE GENERALLY APPROVED AT THE FOLLOWING MEETING. DRAFT MINUTES MAY BE REQUESTED BUT ARE SUBJECT TO REVISION.

ERB MINUTES

May 16, 2011

NEW BUSINESS

1. 1:00 PM DPW Tunnel Maintenance Project

Project No. R2011-00536
Permit No. N/A
APN: N/A
Location: Kanan Dume and Malibu Canyon Rds.
Applicant: Paul Akamnonu of Los Angeles County Department of Public Works

Project: The County of Los Angeles department of Public Works is proposing a project to repaint existing steel liners and install new steel liners in the Malibu Canyon Road Tunnel and the Kanan Dume Road Tunnels. The following work is to occur:

- Work in the tunnel at Malibu Canyon road involves reconstructing the tunnel by replacing the existing tunnel steel girders that have been badly corroded.
- Work in the two tunnels at Kanan Dume Road involves sandblasting and painting the existing steel liners, installing new steel liners in the areas where there are existing concrete gunited lining, and installing a 4-inch PVC drain pipe at the top of the existing vertical wall to intercept the water percolating downward from the crown of the tunnels.
- New steel liners will consist of steel plates that will be protected with zinc primer and covered with finish coat.

Resource: The tunnels of both roads are located in the Malibu Creek watershed of the Santa Monica Mountains Malibu Coastal Zone. The Kanan Dume Rd. tunnels are within a Wildlife Migration Corridor and abuts ESHA on the northwest side of the tunnel with the Zuma Canyon Creek Significant Watershed to the west. A CNDDDB search indicated that on the north end of the tunnels entrance: coast horned lizard (*Phrynosoma blainvillii*) was found in 1960, American badger (*Taxidea taxus*) was found in 2006, and Braunton's milk-vetch habitat (*Astragalus brauntonii*) is present. Malibu Canyon Road is a designated scenic highway, and the tunnel is southwest of Monte Nido adjacent to Malibu Creek and Malibu Creek State Park. The north end of the Malibu Canyon Rd. tunnel is within ESHA, and the south end of the tunnel is within Significant Watershed SERA. A CNDDDB search indicated that round-leaved filaree (*California macrophylla*) was found in 1999, a golden eagle (*Aquila chrysaetos*) was observed in 1989, and arroyo chub (*Gila orcuttii*) was near the tunnel in 1975. Braunton's Milk Vetch habitat is not found near the Malibu Canyon Rd. tunnel location, and both tunnel locations are within Very High Fire Hazard Severity and Landslide Zones.

Request: **Review plans for the tunnel maintenance project.** The ERB recommendations will be used as guidelines for the Director's Review and as part of any necessary environmental review of the project under the California Environmental Quality Act (CEQA). Projects normally exempt from CEQA are subject to environmental review when in sensitive locations [PRC §15300.2(a)].

ERB COMMENTS:

- When is the time frame this project is proposed for?
- How long will the project last?
- Will you be closing tunnel at night?
- Only one lane will closed during the day for Malibu Canyon Rd. tunnel?
- Where will the drain pipe on Kanan Dume Rd. tunnels discharge?
- Will the condensate be intercepted and filtered before being discharged?
- A bioswale is a great way to remedy any types of particulate matter accumulating in the condensate before it is disbursed into the creek.
- At both of these tunnel locations, there is adjacent park land, and DPW has the opportunity to reduce any negative impacts from the concentration of pollutants in the moisture leaving these tunnels.
- Where are you staging for this project at Kanan Dume Rd., and will you be using visqueen to contain spills?
- Where are you staging for the Malibu Canyon Rd. tunnel, and have you contacted State Parks?
- Containment at the Malibu Canyon Rd. tunnel is very important because of the culverts that drain to the endangered fish below, and DPW road crews have done a good job in the past when using these areas for sediment staging.
- In the mid-'90s, the RCDSMM was the biological monitor for several DPW construction projects on Stunt Rd., DPW had no containment issues and protected the sensitive resources adjacent to those projects.
- Will you paint the steel liners off-site before installation, or will they be painted on-site after installation?

APPLICANT COMMENTS:

- Project is essentially as described in agenda.
- Construction is proposed for spring 2012.
- For Malibu Cyn Tunnel, the anticipated construction duration is 2 to 3 months. For Kanan Dume T1 tunnel, the anticipated construction duration for both barrels is 4 to 5 months.
- Malibu Canyon Rd. tunnel will be closed at night.
- "The Contractor shall be prepared and equipped to restore the roadway to a condition which would allow passage of emergency vehicles at all times" will be provided on the specs contract document.
- One lane of traffic will be open during the day in Malibu Canyon Rd. tunnel
- The drain pipes divert condensation to the gutter.
- For the Kanan Dume Rd. tunnel, we will be staging in the road.
- Yes. We will use plastic sheeting to contain any oil drips from vehicles and follow our other Best Management Practices
- The liners that will be installed will be galvanized, and only the steel that remains in-place will be painted on-site.

ERB RECOMMENDATIONS:

- This is a great opportunity to use an interceptor to clean the condensate that acquires vehicle air pollutants within the tunnel before it is discharged into the gutter.
- A storm flow interceptor is probably oversized for this application, but a bioswale interceptor is easy to construct.
- Caltrans has standard design plans for bioswale sizing.
- Paul Caron is a good resource within the Los Angeles area.
- State Parks has to grant a Right-of-Entry permit to use the pull-outs south of the Malibu Canyon Rd. tunnel that takes about 3 weeks to review before issuing the permit.
- As long as Battalion 5 Fire Station 70 is notified prior to construction, the entire Battalion will know these tunnels are under maintenance construction.
- The construction should avoid peak fire season months of September, October and November, most critically on Malibu Canyon. Kanan Dume is less critical since two lanes of traffic can pass through each barrel. During a wildfire incident, traffic will be controlled by Sheriff or CHP.

ERB Meeting Date: May 16, 2011

ERB Evaluation: X Consistent Consistent after Modifications
 Inconsistent No decision

OTHER MATTERS

2. Public comment pursuant to Section 54954.3 of the Government Code.

 No comments from the public were made.