

FOR CONTRACT NO: 04-4442A4
PROJECT ID: 0400001078

INFORMATION HANDOUT

PERMITS

STATE OF CALIFORNIA DEPARTMENT OF FISH AND GAME

NOTIFICATION NO. 1600-2008-0147-3

ROUTE: 04-Nap-121-0.3/2.0

DEPARTMENT OF FISH AND GAME

BAY DELTA REGION

(707) 944-5520

Mailing address:

POST OFFICE BOX 47

YOUNTVILLE CALIFORNIA 94599

Street address:

7329 SILVERADO TRAIL

NAPA CALIFORNIA 94558



June 20, 2008

Notification Number: 1600-2008-0147-3

Mr. Ahmad Rahimi
California Department of Transportation
111 Grand Avenue
Oakland, CA 94623

1602 LAKE AND STREAMBED ALTERATION AGREEMENT

This agreement is issued by the Department of Fish and Game pursuant to Division 2, Chapter 6 of the California Fish and Game Code:

WHEREAS, the Applicant Mr. Ahmad Rahimi submitted a signed NOTIFICATION proposing to substantially divert or obstruct the natural flow of, or substantially change the bed, channel, or bank of, or use material from the streambed or lake of the following water: East Branch of Huichica Creek, two unnamed drainages, located in Napa County, State of California; and

WHEREAS, the Department has determined that such operations may substantially adversely affect existing fish and wildlife resources including water quality, hydrology, aquatic or terrestrial plant or animal species; and

WHEREAS, the project has undergone the appropriate review under the California Environmental Quality Act; and

WHEREAS, the Applicant shall undertake the project as proposed in the signed PROJECT DESCRIPTION and PROJECT CONDITIONS (attached). If the Applicant changes the project from that described in the PROJECT DESCRIPTION and does not include the PROJECT CONDITIONS, this agreement is no longer valid; and

WHEREAS, the agreement shall expire on December 31, 2012; with the work to occur between June 15 and October 15; and

WHEREAS, nothing in this agreement authorizes the Applicant to trespass on any land or property, nor does it relieve the Applicant of the responsibility for compliance with applicable Federal, State, or local laws or ordinances. Placement, or removal, of any material below the level of ordinary high water may come under the jurisdiction of the U. S. Army Corps of Engineers pursuant to Section 404 of the Clean Water Act;

THEREFORE, the Applicant may proceed with the project as described in the PROJECT DESCRIPTION and PROJECT CONDITIONS. A copy of this agreement, with attached PROJECT DESCRIPTION and PROJECT CONDITIONS, shall be provided to contractors and subcontractors and shall be in their possession at the work site.

Failure to comply with all conditions of this agreement may result in legal action.

This agreement is approved by:

A handwritten signature in blue ink that reads "Cindy Catalano".

Charles Amador
Regional Manager
Bay Delta Region

cc: Melissa Escaron
Warden Shelton
Lieutenant Richardson

DEPARTMENT OF FISH AND GAME

BAY DELTA REGION
(707) 944-5520
Mailing address:
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YOUNTVILLE, CALIFORNIA 94599
Street address:
7329 SILVERADO TRAIL
NAPA, CALIFORNIA 94558



Notification Number: 1600-2008-0147-3, Caltrans EA 444200
East Branch Huichica Creek, Napa County

California Department of Transportation**Attn: Mr. Ahmad Rahimi****111 Grand Ave.**
Oakland, CA 94623**PROJECT DESCRIPTION and PROJECT CONDITIONS****Description**

The California Department of Transportation (Caltrans) proposes to rehabilitate and realign the roadway on state route (SR) 121 in Napa County between .3 miles east of the Sonoma County line and Duhig Road (post mile (PM) .3/2.0). Caltrans intends to achieve this by widening the shoulders to the standard width of 8 feet. In addition, the existing two horizontal curves at PM 1.06 and PM 1.42 will be re-aligned in accordance with design standards for a speed zone of 55 miles per hour. These improvements will enhance safety and operation of the state route.

Drainage improvements include installing a new culvert to the north of the existing alignment, at the east branch of Huichica Creek and removing the existing culvert and building a fish passage structure within the existing alignment. Additionally, culverts will be replaced at two unnamed drainages that convey water from Wine Lake under and along SR 121, hereafter referred to as "Unnamed Creek" and "Pond Drainage." The existing 250-foot culverts (three 30-inch pipes) that convey the Unnamed Creek under SR 121 will be replaced with a 4x8x250-foot box culvert that will be cast in place. The existing two 30-inch, 66-foot long concrete pipes at the Pond Drainage will be replaced with a 8x4x72-foot reinforced concrete box culvert (RCB).

Huichica Creek is an intermittent steelhead-bearing creek that flows from north to south and empties into the Napa Slough before draining into the Napa River. As part of this Streambed Alteration Agreement (Agreement) Caltrans consulted with the Department of Fish and Game (the Department) to develop a culvert design that would be passable for steelhead. The fish passage design described in this Agreement is conceptual and the final design will be submitted for approval by the Department prior to construction within the east branch of Huichica Creek.

Within the east branch of Huichica Creek the existing 7x7 foot reinforced concrete RCB will be removed and relocated 40 feet upstream within the new roadway alignment. The new RCB will measure 14x12x62 (at least 12 feet tall, may be taller). The culvert will be installed such that the

flow line will be approximately 2 feet above the culvert intake, and the bottom of the culvert will be backfilled with native material to allow for a natural channel bottom. A headwall and wingwalls will be constructed at the inlet and outlet of the RCB. Because there is a steep drop in elevation downstream of the proposed outfall, a fish passage structure with six rock weirs, one upstream and 5 downstream, will be designed and implemented immediately downstream of the proposed outfall structure, within the footprint of the existing roadway. The fish passage structure will not be built until the Department has approved the design, the description provided here is conceptual and subject to change and approval by the Department.

Temporary Impacts

To accommodate construction of the rock fish passage structure, approximately 189 linear feet and 4725 square feet of temporary impacts to the east branch of Huichica Creek will be incurred.

Approximately 250 linear feet and 2000 square feet of temporary impacts will be incurred at the Unnamed Creek to replace the existing pipe culvert with a new RCB.

Approximately 75 linear feet and 600 square feet of temporary impacts will be incurred at the Pond Drainage to replace the existing pipe culvert with a new RCB.

Permanent Impacts

Approximately 62 linear feet and 868 square feet of permanent impacts will result from the installation of the new RCB at the east branch of Huichica Creek.

Approximately 6 linear feet and 48 square feet of permanent impacts will result from the extension of the culvert at the Pond Drainage.

Mitigation

Each native riparian tree greater than 4 inches DBH that is removed or damaged, shall be replaced with native trees in a riparian area at a minimum 3:1 ratio. For each non-native riparian tree that is removed or damaged, trees shall be replaced with native riparian trees at a minimum 1:1 ratio. Temporarily impacted riparian understory will be replaced at a 1:1 ratio.

Permanent impacts resulting from the installation of the new culvert and the replacement of the existing culverts will be offset by the removal of the RCB and installation of the fish passage structure at east branch of Huichica Creek. Approximately 189 linear feet and 4725 square feet of stream channel will be restored at Huichica Creek where the existing culvert will be removed and the fish passage structure will be constructed.

Conditions

1. At least 45 days prior to construction within the east branch of Huichica Creek, Caltrans shall submit a fish passage design for approval by the Department that meets Department design criteria for steelhead passage. Construction within the east branch of Huichica Creek shall not commence before Caltrans receives written approval from Melissa Escaron, Staff Environmental Scientist, that the design is acceptable to the Department.
2. All work shall be done according to the project description stated above as well as the plans submitted to the Department. Caltrans shall notify the Department of any modifications made to the plans submitted to the Department that pertain to impacts to the creek or the riparian corridor.
3. Work within the stream/riparian corridor shall be confined to the period of June 15 to October 15. Revegetation work is not confined to this time period but must be completed in the same calendar year.
4. Each native riparian tree greater than 4 inches DBH that is removed or damaged, shall be replaced with native trees in a riparian area at a minimum 3:1 ratio. For each non-native riparian tree that is removed or damaged, trees shall be replaced with native riparian trees at a minimum 1:1 ratio. Temporarily impacted riparian understory shall be replaced at a 1:1 ratio.
5. If mitigation plantings cannot be accommodated onsite, then Caltrans shall submit an offsite mitigation planting plan for approval by the Department prior to construction.
6. Environmentally Sensitive Area (ESA) fencing shall be installed to delineate the work area and protect the surrounding habitat.
7. Prior to commencement of work within the stream zone, Caltrans shall photograph the project site. Upon completion of work activities, Caltrans shall photograph the project site at designated photo stations. Labeled copies of photographs shall be sent to the Department of Fish and Game within 5 days of completion of the project. Notification of work commencement shall be sent to the Department at P.O. Box 47, Yountville, CA 94599. Refer to Notification 1600-2008-0147-3 when notifying the Department.
8. Equipment shall not be operated in wetted areas (including but not limited to ponded, flowing, or wetland areas).
9. The work period for completing the work within the stream zone, shall be restricted to periods of low or no stream flow and dry weather. Excavation for and placement of the fill shall not begin unless a no precipitation forecast is obtained covering the entire construction phase (within the area covered in this Agreement) and the time necessary to implement erosion control measures. This forecast shall be documented upon request by the Department.
10. No phase of the project may be started if that phase and its associated erosion control measures cannot be completed prior to the onset of precipitation if that construction phase may

cause the introduction of sediments into the stream. After any storm event, Caltrans shall inspect all sites currently under construction and all sites scheduled to begin construction within the next 72 hours for erosion and sedimentation problems and take corrective action as needed. Seventy-two-hour weather forecasts from the National Weather Service shall be consulted prior to start up of any phase of the project that may result in sediment runoff to the stream, and construction plans made to meet this condition.

11. All construction activity shall terminate at any site that has surface runoff until runoff ceases and no further storms are forecast for the following 24-hour period.

12. Staging and storage areas for equipment, materials, fuels, lubricants and solvents, shall be located outside of the stream channel and banks, avoiding areas of concentrated ground squirrel burrows. Stationary equipment such as motors, pumps, generators, compressors and welders, located within or adjacent to the stream shall be positioned over drip-pans. Any equipment or vehicles driven and/or operated within or adjacent to the stream must be checked and maintained daily, to prevent leaks of materials that if introduced to water could be deleterious to aquatic life. No fueling, cleaning, or maintenance of vehicles or equipment shall take place within any areas where an accidental discharge to a watercourse may occur, vehicles must be moved away from the stream prior to refueling and lubrication.

13. Erosion control measures shall be utilized throughout all phases of operation where sediment runoff from exposed slopes threatens to enter waterways. At no time shall silt laden runoff be allowed to enter the stream or directed to where it may enter the stream. Only clean rocks and boulders shall be used for the project. Erosion control structures shall be monitored for effectiveness and shall be repaired or replaced as needed. Build up of soil behind the fence shall be removed promptly and any breaches or undermined areas repaired at once.

14. When work in a flowing stream is unavoidable, the entire stream flow shall be diverted around or through the work area during the excavation and/or construction operations. If a diversion is needed, a plan must be submitted to the Department at least 15 days prior to the start of the diversion construction for review and approval prior to diversion construction. Normal flows will be restored to the affected stream immediately upon completion of work at that location.

15. All exposed/disturbed areas and access points within the stream zone left barren of vegetation as a result of the construction activities shall be restored by seeding with a blend native and non-native erosion control grass seeds. Seeded areas shall be mulched. All other areas of disturbed soil which drain toward the stream channel shall be seeded with erosion control grass seeds. Revegetation shall be completed as soon as possible after construction activities in those areas cease. Seeding placed after October 15 must be covered with broadcast straw, jute netting, coconut fiber blanket or similar erosion control blanket. Erosion control with monofilament shall not be used.

16. Building materials and/or construction equipment shall not be stockpiled or stored where they could be washed into the water or where they will cover aquatic or riparian vegetation.

17. Debris, soil, silt, bark, rubbish, creosote-treated wood, raw cement/concrete or washings thereof, asphalt, paint or other coating material, oil or other petroleum products, or any other substances which could be hazardous to aquatic life, resulting from project related activities, shall be prevented from contaminating the soil and/or entering the stream. Any of these materials, placed within or where they may enter a stream or lake, by Caltrans or any party working under contract, or with the permission of Caltrans, shall be removed immediately.

18. Caltrans shall not dump any litter or construction debris within the riparian/stream zone. All such debris and waste shall be picked up daily and properly disposed of at an appropriate site.

19. This Agreement does not authorize the take of any state or federally listed species. Liability for any take or incidental take of such listed species remains the responsibility of Caltrans for the duration of the project. Any unauthorized take of such listed species may result in prosecution and nullification of the agreement.

20. Prior to the beginning of any excavation, clearing or staging in or near the riparian area, a focused survey of all potentially suitable California red legged frog (CRLF) habitat shall be conducted 14 days prior to instream construction or disturbance of riparian areas. In the event that a CRLF is observed in the area, work in the riparian area shall be halted and the USFWS shall be contacted to determine appropriate actions. Results of pre-construction surveys shall be reported to the Department.

21. Prior to the beginning of any excavation, clearing for staging in or near the riparian area, a survey shall be conducted for western pond turtles, northern red-legged frogs, foothill yellow-legged frogs, and western spade foot toads. If any of these species are discovered within the work area, the animal shall be relocated by a qualified biologist (as determined by a combination of academic training and professional experience) to an appropriate up or downstream location.

22. If earthwork, clearing and grubbing, or vegetation trimming is scheduled during bird nesting season, February 15 and August 15, pre-construction surveys shall be conducted by a qualified biologist for active bird nests. The surveys shall take place within 3 days prior to the commencement of work. If nesting birds are found a 50-foot radius buffer should be established around the nest, a 300-foot radius buffer in the case of hawks or owls. If a lapse in project-related work of 15 days or longer occurs, another survey will be required before project work can be reinitiated. Bat surveys shall be conducted prior to construction. If bats are found contact Melissa Escaron at (707)339-0334.

23. Existing culverts and over-crossings shall be inspected for wildlife prior to adjacent, overhead, or nearby construction. If any wildlife is encountered during the course of the inspection, said wildlife shall be allowed to leave the area unharmed, and shall be flushed, hazed, or herded in a safe direction away from the project site. This condition does not allow for the take or disturbance of any state or federally listed species. If bats are found Caltrans shall contact Melissa Escaron, Staff Environmental Scientist at (707)339-0334.

24. If any sensitive species are observed in project surveys, Caltrans shall submit California Natural Diversity Data Base (CNDDDB) forms to the CNDDDB for all preconstruction survey data within five working days of the sightings, and provide DFG Region 3 with copies of the CNDDDB forms and survey maps.

25. To the extent that any provisions of this Agreement provide for activities that Caltrans to traverse another owner's property, such provisions are agreed to with the understanding that Caltrans possesses the legal right to so traverse. In the absence of such right, any such provision is void.

26. In the event that the project scope, nature, or environmental impact is altered by the imposition of subsequent permit conditions by any local, state or federal regulatory authority, Caltrans shall notify the Department of any imposed project modifications that interfere with compliance to Department conditions.

If Caltrans needs more time to complete the authorized activity, the work period may be extended on a day-to-day basis by contacting Melissa Escaron at (707) 339-0334 or the Yountville office at (707) 944-5520.

A copy of this Agreement must be provided to the contractor and all subcontractors who work within the stream zone and must be in their possession at the work site.

Department personnel or its agents may inspect the work site at any time.

Caltrans is liable for compliance with the terms of this Agreement, including violations committed by the contractors and/or subcontractors. The Department reserves the right to suspend construction activity described in this Agreement if the Department determines any of the following has occurred:

- A). Failure to comply with any of the conditions of this Agreement
- B). Information provided in support of the Agreement is determined by the Department to be inaccurate.
- C). Information becomes available to the Department that was not known when preparing the original conditions of this Agreement (including, but not limited to, the occurrence of state or federally listed species in the area or risk to resources not previously observed)
- D). The project as described in the Agreement has changed or conditions affecting fish and wildlife resources change.

Any violation of the terms of this Agreement may result in the project being stopped, a citation being issued, or charges being filed with the District Attorney. Contractors and subcontractors may also be liable for violating the conditions of this agreement.

Amendments and Extensions

Caltrans shall notify the Department before any modifications are made in the project plans submitted to the Department. Project modifications may require an amendment or a new notification.

This Agreement is transferable to subsequent owners of the project property by requesting an amendment.

To extend the Agreement beyond the expiration date, a written request or completed "Request to Extend Lake or Streambed Alteration Agreement" form, with an appropriate fee, must be submitted to the Department (1600 Program, Post Office Box 47, Yountville, California 94599) for consideration at least 30 days before the Agreement expiration date. An extension requires a fee. The Fee Schedule and Extension form can be obtained at [HYPERLINK "http://www.dfg.ca.gov/habcon/1600/Forms.html" www.dfg.ca.gov/habcon/1600/Forms.html](http://www.dfg.ca.gov/habcon/1600/Forms.html) or by phone at (707) 944-5520. Extensions of the original Agreement are issued at the discretion of the Department.

To modify the project, a written request for an amendment or a completed "Request to Amend Lake or Streambed Alteration Agreement" form, with an appropriate fee, must be submitted to the Department (1600 Program, Post Office Box 47, Yountville, California 94599). An amendment requires a fee. The Fee Schedule and Amendment form can be obtained at [HYPERLINK "http://www.dfg.ca.gov/habcon/1600/Forms.html" www.dfg.ca.gov/habcon/1600/Forms.html](http://www.dfg.ca.gov/habcon/1600/Forms.html) or by phone at (707) 944-5520. Amendments to the original Agreement are issued at the discretion of the Department. To modify the project, a written request for an amendment must be submitted to the Department (1600 Program, Post Office Box 47, Yountville, California 94599). The fee for an amendment is one-half (1/2) of the original fee. Amendments to the original Agreement are issued at the discretion of the Department.

Please note that you may not proceed with construction until your proposed project has undergone CEQA review and the Department signs the Agreement.

I, the undersigned, state that the above is the final description of the project I am submitting to the Department for CEQA review, leading to an Agreement, and agree to implement the conditions above required by the Department as part of that project. I will not proceed with this project until the Department signs the Agreement. I also understand that the CEQA review may result in the addition of measures to the project to avoid, minimize, or compensate for significant environmental impacts:

Applicant's name (print): AHMAD RAHIMI

Applicant's signature: 

Signed the 20 day of June, 2008

FOR DEPARTMENT USE ONLY

Date Received	Amount Received	Amount Due	Date Complete	Notification No.
4/10/08	\$14,250.00			1600-2008-0147-3

082-222234

Escobron
Shelton
Lt. Richardson



STATE OF CALIFORNIA
DEPARTMENT OF FISH AND GAME



NOTIFICATION OF LAKE OR STREAMBED ALTERATION

Complete EACH field, unless otherwise indicated, following the enclosed instructions and submit ALL required enclosures. Attach additional pages, if necessary.

FISH & GAME

1. APPLICANT PROPOSING PROJECT

Name	Jeffrey G. Jensen, Office Chief, Office of Biological Sciences and Permits			APR 10 2008 YOUNTVILLE	
Business/Agency	California Department of Transportation (Caltrans) District 4				
Street Address	111 Grand Ave.				
City, State, Zip	Oakland CA 94623				
Telephone	(510) 622-8729	Fax	(510) 286-6374		
Email	jeffrey.jensen@dot.ca.gov				

2. CONTACT PERSON (Complete only if different from applicant)

Name	Christopher States, Senior Biologist, Office of Biological Sciences and Permits				
Street Address	111 Grand Ave.				
City, State, Zip	Oakland CA 94623				
Telephone	(510) 286-7185	Fax			
Email	Christopher.States@dot.ca.gov				

3. PROPERTY OWNER (Complete only if different from applicant)

Name					
Street Address					
City, State, Zip					
Telephone		Fax			
Email					

4. PROJECT NAME AND AGREEMENT TERM

A. Project Name		Napa 121 Widening and realignment project (PM 0.3-2.0)			
B. Agreement Term Requested		<input checked="" type="checkbox"/> Regular (5 years or less) <input type="checkbox"/> Long-term (greater than 5 years)			
C. Project Term		D. Seasonal Work Period		E. Number of Work Days	
Beginning (year)	Ending (year)	Start Date (month/day)	End Date (month/day)		
2008	2013	06/15	10/15	550.00	

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

5. AGREEMENT TYPE

Check the applicable box. If box B, C, D, or E is checked, complete the specified attachment.

A.	<input checked="" type="checkbox"/> Standard (Most construction projects, excluding the categories listed below)
B.	<input type="checkbox"/> Gravel/Sand/Rock Extraction (Attachment A) Mine I.D. Number: _____
C.	<input type="checkbox"/> Timber Harvesting (Attachment B) THP Number: _____
D.	<input type="checkbox"/> Water Diversion/Extraction/Impoundment (Attachment C) SWRCB Number: _____
E.	<input type="checkbox"/> Routine Maintenance (Attachment D)
F.	<input type="checkbox"/> DFG Fisheries Restoration Grant Program (FRGP) FRGP Contract Number: _____
G.	<input type="checkbox"/> Master
H.	<input type="checkbox"/> Master Timber Harvesting

6. FEES

Please see the current fee schedule to determine the appropriate notification fee. Itemize each project's estimated cost and corresponding fee. **Note: The Department may not process this notification until the correct fee has been received.**

	A. Project	B. Project Cost	C. Project Fee
1	Main Branch Huichica Creek	\$500,000.00	\$4,000.00
2	East Branch Huichica Creek	\$500,000.00	\$4,000.00
3	Unnamed creek	\$500,000.00	\$4,000.00
4	Pond drainage	\$350,000.00	\$2,250.00
5			
		D. Base Fee (if applicable)	
		E. TOTAL FEE ENCLOSED	\$14,250.00

7. PRIOR NOTIFICATION OR ORDER

A. Has a notification previously been submitted to, or a Lake or Streambed Alteration Agreement previously been issued by, the Department for the project described in this notification?

Yes (Provide the information below) No

Applicant: _____ Notification Number: _____ Date: _____

B. Is this notification being submitted in response to an order, notice, or other directive ("order") by a court or administrative agency (including the Department)?

No Yes (Enclose a copy of the order, notice, or other directive. If the directive is not in writing, identify the person who directed the applicant to submit this notification and the agency he or she represents, and describe the circumstances relating to the order.)

Continued on additional page(s)

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

8. PROJECT LOCATION

<p>A. Address or description of project location. <i>(Include a map that marks the location of the project with a reference to the nearest city or town, and provide driving directions from a major road or highway)</i></p> <p>Caltrans is proposing a roadway improvement project on State Route (SR) 121 in western Napa County. The project is located 0.3 miles east of the Sonoma County line to Duhig Road on SR 121. Roughly 5 miles north of San Pablo Bay.</p> <p style="text-align: right;"><input type="checkbox"/> Continued on additional page(s)</p>					
<p>B. River, stream, or lake affected by the project.</p>		<p>Main and East branches of Huichica creek, pond drainage, unnamed crk</p>			
<p>C. What water body is the river, stream, or lake tributary to?</p>		<p>Napa River</p>			
<p>D. Is the river or stream segment affected by the project listed in the state or federal Wild and Scenic Rivers Acts?</p>		<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown</p>			
<p>E. County</p>	<p>Napa</p>				
<p>F. USGS 7.5 Minute Quad Map Name</p>		<p>G. Township</p>	<p>H. Range</p>	<p>I. Section J. ¼ Section</p>	
<p>portions of Napa, Sonoma, and Cutting's Wharf quads</p>		<p>5N</p>	<p>4W & 5W</p>		
<p><input type="checkbox"/> Continued on additional page(s)</p>					
<p>K. Meridian (check one)</p>		<p><input type="checkbox"/> Humboldt <input checked="" type="checkbox"/> Mt. Diablo <input type="checkbox"/> San Bernardino</p>			
<p>L. Assessor's Parcel Number(s)</p> <p>Napa County Book 47: APN 047080058000, APN 047070016000, APN 047070007000, APN 047070021000, APN 047380009000, APN 047070022000, APN 047070015000, APN 047380005000, APN 047120006000</p> <p style="text-align: right;"><input type="checkbox"/> Continued on additional page(s)</p>					
<p>M. Coordinates (If available, provide at least latitude/longitude or UTM coordinates and check appropriate boxes)</p>					
<p>Latitude/Longitude</p>		<p>Latitude: 38.25598 to 38.25632</p>	<p>Longitude: 122.36371 to 122.35108</p>		
		<p><input type="checkbox"/> Degrees/Minutes/Seconds <input checked="" type="checkbox"/> Decimal Degrees <input type="checkbox"/> Decimal Minutes</p>			
<p>UTM</p>	<p>Easting:</p>	<p>Northing:</p>	<p><input type="checkbox"/> Zone 10 <input type="checkbox"/> Zone 11</p>		
<p>Datum used for Latitude/Longitude or UTM</p>		<p><input checked="" type="checkbox"/> NAD 27</p>	<p><input type="checkbox"/> NAD 83 or WGS 84</p>		

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

9. PROJECT CATEGORY AND WORK TYPE *(Check each box that applies)*

PROJECT CATEGORY	NEW CONSTRUCTION	REPLACE EXISTING STRUCTURE	REPAIR/MAINTAIN EXISTING STRUCTURE
Bank stabilization – bioengineering/recontouring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bank stabilization – rip-rap/retaining wall/gabion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat dock/pier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat ramp	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bridge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Channel clearing/vegetation management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Culvert	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Debris basin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diversion structure – weir or pump intake	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filling of wetland, river, stream, or lake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geotechnical survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat enhancement – revegetation/mitigation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levee	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low water crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Road/trail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sediment removal – pond, stream, or marina	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Storm drain outfall structure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Temporary stream crossing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Utility crossing : Horizontal Directional Drilling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Jack/bore	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Open trench	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

10. PROJECT DESCRIPTION

A. Describe the project in detail. Photographs of the project location and immediate surrounding area should be included.

- Include any structures (e.g., rip-rap, culverts, or channel clearing) that will be placed, built, or completed in or near the stream, river, or lake.
- Specify the type and volume of materials that will be used.
- If water will be diverted or drafted, specify the purpose or use.

Enclose diagrams, drawings, plans, and/or maps that provide all of the following: site specific construction details; the dimensions of each structure and/or extent of each activity in the bed, channel, bank or floodplain; an overview of the entire project area (i.e., "bird's-eye view") showing the location of each structure and/or activity, significant area features, and where the equipment/machinery will enter and exit the project area.

See attachment 2 and Natural Environment Study (NES).

Continued on additional page(s)

B. Specify the equipment and machinery that will be used to complete the project.

Typical equipment that will be used to complete the proposed construction would include the following: excavator, loader, backhoe, dump truck, concrete mix truck, grader, gradall (articulating 4WD extendable forklift) semi truck with bottom dump trailer, pickup truck (standard, flatbed, or stake side), vibrating roller, hand operated soil compactor, various hand tools (shovel, hammer, etc.)

Continued on additional page(s)

C. Will water be present during the proposed work period (specified in box 4.D) in the stream, river, or lake (specified in box 8.B).

Yes No (Skip to box 11)

D. Will the proposed project require work in the wetted portion of the channel?

Yes (Enclose a plan to divert water around work site)
 No

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

11. PROJECT IMPACTS

A. Describe impacts to the bed, channel, and bank of the river, stream, or lake, and the associated riparian habitat. Specify the dimensions of the modifications in length (linear feet) and area (square feet or acres) and the type and volume of material (cubic yards) that will be moved, displaced, or otherwise disturbed, if applicable.

See Attachment 3

Continued on additional page(s)

B. Will the project affect any vegetation? Yes (Complete the tables below) No

Vegetation Type	Temporary Impact	Permanent Impact
Riparian habitat: See Attached	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____
	Linear feet: _____ Total area: _____	Linear feet: _____ Total area: _____

Tree Species	Number of Trees to be Removed	Trunk Diameter (range)
coast live oak	98	3-45"
valley oak	9	3-40"
bay laurel	45	3-20"

Continued on additional page(s)

C. Are any special status animal or plant species, or habitat that could support such species, known to be present on or near the project site?

Yes (List each species and/or describe the habitat below) No Unknown

Central California Coastal Steelhead, California Red Legged frog, and California Freshwater Shrimp (see attached Biological Assessment)

Continued on additional page(s)

D. Identify the source(s) of information that supports a "yes" or "no" answer above in Box 11.C.

(see attached Biological Assessment)

Continued on additional page(s)

E. Has a biological study been completed for the project site?

Yes (Enclose the biological study) No

Note: A biological assessment or study may be required to evaluate potential project impacts on biological resources.

F. Has a hydrological study been completed for the project or project site?

Yes (Enclose the hydrological study) No

Note: A hydrological study or other information on site hydraulics (e.g., flows, channel characteristics, and/or flood recurrence intervals) may be required to evaluate potential project impacts on hydrology.

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

12. MEASURES TO PROTECT FISH, WILDLIFE, AND PLANT RESOURCES

A. Describe the techniques that will be used to prevent sediment from entering watercourses during and after construction.

use of standard BMPs and implimentation of a SWPPP. Use of ESAs to limit work area. construction of bridges and culverts limited to summer dry season (June 15 to Oct.15). diversion measures to use graded gravel bags. See Attachment 4

Continued on additional page(s)

B. Describe project avoidance and/or minimization measures to protect fish, wildlife, and plant resources.

The project avoided impacts to the west branch of Huichica Creek and has been scoped down from its original design to minimize impacts to the natural environment. Other elements included to avoid or minimize impacts include: working in the creeks only in the dry season, minimum access routes, proscribed equipment staging areas away from creeks, no open pits greater than 2ft without inspections and ramping for small animal egress, designated fueling area away from all waters and riparian areas, invasive plant removal, no project material left on site (trash pickup, construction spoils, etc.), replanting of temporary construction areas including riparian, ESAs using high visibility orange fencing, gravity flow open channel dewatering, standard Caltrans BMPs & SWPPP measures.

Continued on additional page(s)

C. Describe any project mitigation and/or compensation measures to protect fish, wildlife, and plant resources.

Replanting of trees on site, Stream enhancements to the main and east branches of Huichica Creek-modification of existing resting pools to include a low flow channel, regrading scour pool on the main branch and installation of grade controls on the east branch . See Attachment 5

Continued on additional page(s)

13. PERMITS

List any local, state, and federal permits required for the project and check the corresponding box(es). Enclose a copy of each permit that has been issued.

- A. _____ USFWS & NMFS Biological Opinions Applied Issued
- B. _____ USACE 404, RWQCB 401 Applied Issued
- C. _____ Applied Issued
- D. Unknown whether local, state, or federal permit is needed for the project. (Check each box that applies)

Continued on additional page(s)

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

14. ENVIRONMENTAL REVIEW

A. Has a draft or final document been prepared for the project pursuant to the California Environmental Quality Act (CEQA), National Environmental Protection Act (NEPA), California Endangered Species Act (CESA) and/or federal Endangered Species Act (ESA)?			
<input checked="" type="checkbox"/> Yes (Check the box for each CEQA, NEPA, CESA, and ESA document that has been prepared and enclose a copy of each) <input type="checkbox"/> No (Check the box for each CEQA, NEPA, CESA, and ESA document listed below that will be or is being prepared)			
<input type="checkbox"/> Notice of Exemption <input checked="" type="checkbox"/> Initial Study <input type="checkbox"/> Negative Declaration <input type="checkbox"/> THP/ NTMP	<input checked="" type="checkbox"/> Mitigated Negative Declaration <input type="checkbox"/> Environmental Impact Report <input checked="" type="checkbox"/> Notice of Determination (Enclose) <input type="checkbox"/> Mitigation, Monitoring, Reporting Plan	<input type="checkbox"/> NEPA document (type): _____ <input type="checkbox"/> CESA document (type): _____ <input type="checkbox"/> ESA document (type): _____	
B. State Clearinghouse Number (if applicable)		20005052014	
C. Has a CEQA lead agency been determined?		<input checked="" type="checkbox"/> Yes (Complete boxes D, E, and F) <input type="checkbox"/> No (Skip to box 14.G)	
D. CEQA Lead Agency	California Department of Transportation		
E. Contact Person	Jeffery G. Jensen	F. Telephone Number	(510) 286-6374
G. If the project described in this notification is part of a larger project or plan, briefly describe that larger project or plan. The creek crossing and culvert modifications are part of a larger widening and realignment of State Route 121. The larger project is a widening and curve realignment of SR 121. See Attached NES and Mitigated Negative Declaration for a detailed project description.			
<input type="checkbox"/> Continued on additional page(s)			
H. Has an environmental filing fee (Fish and Game Code section 711.4) been paid?			
<input checked="" type="checkbox"/> Yes (Enclose proof of payment) <input type="checkbox"/> No (Briefly explain below the reason a filing fee has not been paid)			
The environmental filing fee pursuant to California Fish and Game Code sec. 711.4 was remitted to the Office of Planning and Research at the time of filing the notice of determination for the project, pursuant to sec. 21108 of the Public Resources Code and as specified in 711.4 for a State agency. <i>Note: If a filing fee is required, the Department may not finalize a Lake or Streambed Alteration Agreement until the filing fee is paid.</i>			

15. SITE INSPECTION

Check one box only.
<input type="checkbox"/> In the event the Department determines that a site inspection is necessary, I hereby authorize a Department representative to enter the property where the project described in this notification will take place at any reasonable time, and hereby certify that I am authorized to grant the Department such entry.
<input checked="" type="checkbox"/> I request the Department to first contact (insert name) <u>Caltrans Associate Biologist Robert Young</u> at (insert telephone number) <u>(510) 622-1771</u> to schedule a date and time to enter the property where the project described in this notification will take place. I understand that this may delay the Department's determination as to whether a Lake or Streambed Alteration Agreement is required and/or the Department's issuance of a draft agreement pursuant to this notification.

NOTIFICATION OF LAKE OR STREAMBED ALTERATION

16. DIGITAL FORMAT

Is any of the information included as part of the notification available in digital format (i.e., CD, DVD, etc.)?

Yes (Please enclose the information via digital media with the completed notification form)

No

17. SIGNATURE

I hereby certify that to the best of my knowledge the information in this notification is true and correct and that I am authorized to sign this notification as, or on behalf of, the applicant. I understand that if any information in this notification is found to be untrue or incorrect, the Department may suspend processing this notification or suspend or revoke any draft or final Lake or Streambed Alteration Agreement issued pursuant to this notification. I understand also that if any information in this notification is found to be untrue or incorrect and the project described in this notification has already begun, I and/or the applicant may be subject to civil or criminal prosecution. I understand that this notification applies only to the project(s) described herein and that I and/or the applicant may be subject to civil or criminal prosecution for undertaking any project not described herein unless the Department has been separately notified of that project in accordance with Fish and Game Code section 1602 or 1611.


Signature of Applicant or Applicant's Authorized Representative

4/9/08
Date

Jeffrey G. Jensen
Print Name